

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111423\
 Data File : BG059687.D
 Acq On : 14 Nov 2023 18:43
 Operator : MA/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/16/2023
 Supervised By :mohammad ahmed 11/17/2023

Quant Time: Nov 15 07:58:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 15 07:25:44 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.344	152	30338	20.000	ng	0.00
21) Naphthalene-d8	11.194	136	144399	20.000	ng	# 0.00
39) Acenaphthene-d10	14.977	164	108203	20.000	ng	0.00
64) Phenanthrene-d10	17.727	188	258106	20.000	ng	# 0.00
76) Chrysene-d12	22.063	240	304769	20.000	ng	# 0.00
86) Perylene-d12	25.653	264	348449	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.835	112	76936	43.781	ng	0.00
7) Phenol-d6	7.457	99	114221	43.010	ng	-0.01
23) Nitrobenzene-d5	9.549	82	144133	42.910	ng	0.00
42) 2,4,6-Tribromophenol	16.464	330	47458	38.864	ng	0.00
45) 2-Fluorobiphenyl	13.603	172	336469	41.924	ng	0.00
79) Terphenyl-d14	20.301	244	586823	39.726	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.685	88	15349	21.290	ng	98
3) Pyridine	4.102	79	48342	21.095	ng	# 91
4) n-Nitrosodimethylamine	4.031	42	21117	22.463	ng	# 91
6) Aniline	7.668	93	76402	21.651	ng	98
8) 2-Chlorophenol	7.892	128	43378	21.828	ng	94
9) Benzaldehyde	7.492	77	39487	22.976	ng	89
10) Phenol	7.492	94	60114	22.038	ng	93
11) bis(2-Chloroethyl)ether	7.762	93	37279	21.269	ng	97
12) 1,3-Dichlorobenzene	8.232	146	46133m	21.116	ng	
13) 1,4-Dichlorobenzene	8.385	146	48645	21.217	ng	96
14) 1,2-Dichlorobenzene	8.702	146	42785	20.229	ng	91
15) Benzyl Alcohol	8.585	79	60042	21.236	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.855	45	13075	19.833	ng	87
17) 2-Methylphenol	8.767	107	41788	20.912	ng	94
18) Hexachloroethane	9.437	117	18960	21.703	ng	94
19) n-Nitroso-di-n-propyla...	9.155	70	44210	21.610	ng	93
20) 3+4-Methylphenols	9.090	107	60825	21.780	ng	91
22) Acetophenone	9.196	105	83786	21.359	ng	94
24) Nitrobenzene	9.596	77	67239	21.589	ng	95
25) Isophorone	10.095	82	119892	20.750	ng	97
26) 2-Nitrophenol	10.295	139	24949	20.689	ng	# 86
27) 2,4-Dimethylphenol	10.318	122	50796	21.127	ng	99
28) bis(2-Chloroethoxy)met...	10.577	93	49521	20.662	ng	# 92
29) 2,4-Dichlorophenol	10.824	162	44657	20.787	ng	86
30) 1,2,4-Trichlorobenzene	11.041	180	46551	21.218	ng	# 88
31) Naphthalene	11.247	128	153795	21.096	ng	# 89
32) Benzoic acid	10.389	122	30023	18.894	ng	# 81
33) 4-Chloroaniline	11.364	127	66417	20.592	ng	97
34) Hexachlorobutadiene	11.476	225	29393	20.812	ng	93
35) Caprolactam	12.134	113	16316	21.234	ng	96
36) 4-Chloro-3-methylphenol	12.428	107	59521	20.555	ng	94
37) 2-Methylnaphthalene	12.827	142	130263	21.393	ng	99
38) 1-Methylnaphthalene	13.039	142	121780	21.773	ng	95
40) 1,2,4,5-Tetrachloroben...	13.168	216	60223	20.432	ng	98
41) Hexachlorocyclopentadiene	13.121	237	38519	20.432	ng	90
43) 2,4,6-Trichlorophenol	13.409	196	41573	20.225	ng	89

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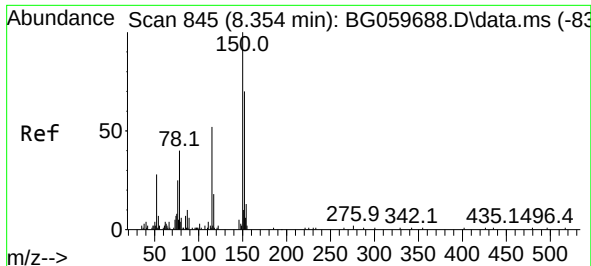
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 15 07:25:44 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.479	196	49200	20.895	ng	# 85
46) 1,1'-Biphenyl	13.814	154	183007	21.725	ng	97
47) 2-Chloronaphthalene	13.867	162	122500	20.702	ng	94
48) 2-Nitroaniline	14.079	65	40511	20.146	ng	92
49) Acenaphthylene	14.707	152	202591	20.270	ng	97
50) Dimethylphthalate	14.419	163	171233	20.752	ng	98
51) 2,6-Dinitrotoluene	14.560	165	35345	22.220	ng	88
52) Acenaphthene	15.042	154	118255	19.729	ng	95
53) 3-Nitroaniline	14.895	138	37132	19.987	ng	95
54) 2,4-Dinitrophenol	15.089	184	21298	19.918	ng	# 79
55) Dibenzofuran	15.371	168	203330	20.884	ng	93
56) 4-Nitrophenol	15.165	139	27028	19.185	ng	92
57) 2,4-Dinitrotoluene	15.336	165	46657	19.951	ng	# 90
58) Fluorene	16.017	166	172399	20.644	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.577	232	38204	18.859	ng	# 98
60) Diethylphthalate	15.759	149	183840	20.675	ng	97
61) 4-Chlorophenyl-phenyle...	16.000	204	87821	20.534	ng	97
62) 4-Nitroaniline	16.059	138	37898	19.989	ng	# 82
63) Azobenzene	16.294	77	195138	20.175	ng	96
65) 4,6-Dinitro-2-methylph...	16.082	198	30622	20.824	ng	78
66) n-Nitrosodiphenylamine	16.223	169	153680	20.363	ng	94
67) 4-Bromophenyl-phenylether	16.899	248	55792	20.547	ng	97
68) Hexachlorobenzene	16.993	284	51278	20.126	ng	93
69) Atrazine	17.151	200	53120	22.423	ng	94
70) Pentachlorophenol	17.345	266	36983	19.594	ng	# 86
71) Phenanthrene	17.768	178	272883	20.387	ng	96
72) Anthracene	17.862	178	285059	20.693	ng	96
73) Carbazole	18.138	167	254111	21.070	ng	95
74) Di-n-butylphthalate	18.644	149	289824	20.701	ng	98
75) Fluoranthene	19.760	202	324159	20.791	ng	97
77) Benzidine	19.948	184	106049	20.593	ng	99
78) Pyrene	20.130	202	316070	22.638	ng	97
80) Butylbenzylphthalate	20.982	149	179108	22.190	ng	# 89
81) Benzo(a)anthracene	22.040	228	427980	20.594	ng	95
82) 3,3'-Dichlorobenzidine	21.946	252	157750	20.731	ng	# 94
83) Chrysene	22.110	228	390196	19.765	ng	94
84) Bis(2-ethylhexyl)phtha...	21.869	149	257190	21.227	ng	# 97
85) Di-n-octyl phthalate	23.209	149	412369	20.813	ng	99
87) Indeno(1,2,3-cd)pyrene	29.825	276	523379	21.350	ng	# 54
88) Benzo(b)fluoranthene	24.490	252	428396	20.258	ng	99
89) Benzo(k)fluoranthene	24.566	252	440559	20.807	ng	96
90) Benzo(a)pyrene	25.483	252	409855	20.049	ng	# 96
91) Dibenzo(a,h)anthracene	29.913	278	452581	21.543	ng	94
92) Benzo(g,h,i)perylene	31.153	276	423710	21.009	ng	# 91

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.344 min Scan# 84
Delta R.T. -0.010 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

Instrument :

BNA_G

ClientSampleId :

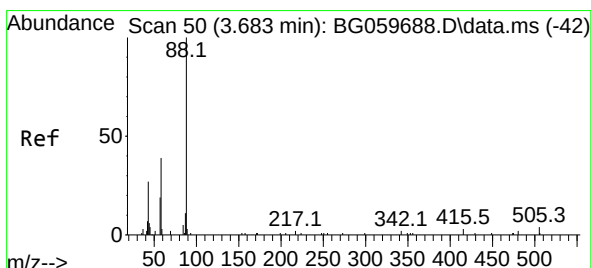
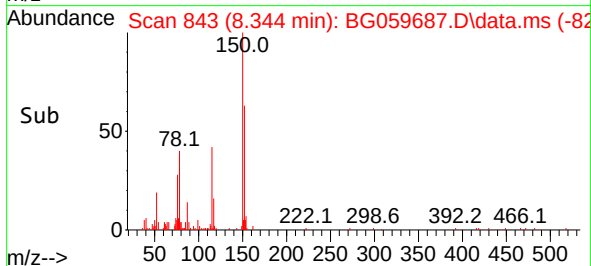
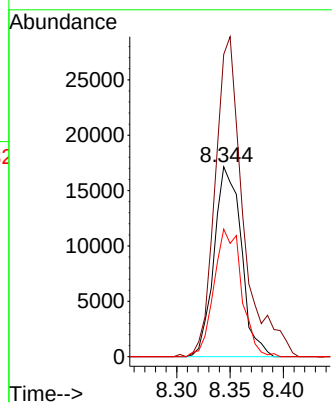
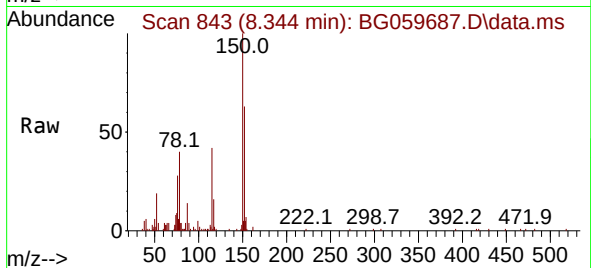
SSTDICC020

Tgt Ion:152 Resp: 3033
Ion Ratio Lower Upper
152 100
150 159.2 113.9 170.9
115 67.1 59.4 89.2

Manual Integrations

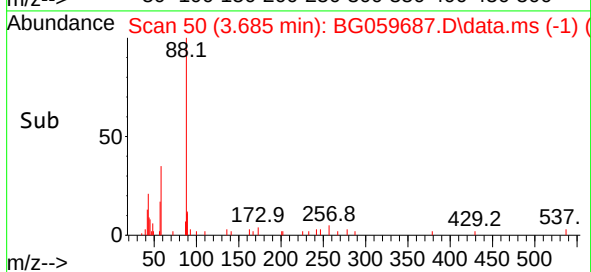
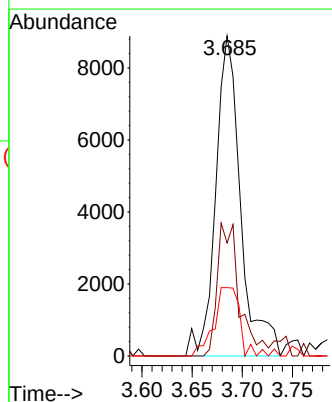
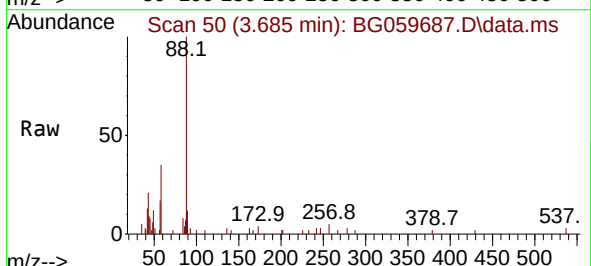
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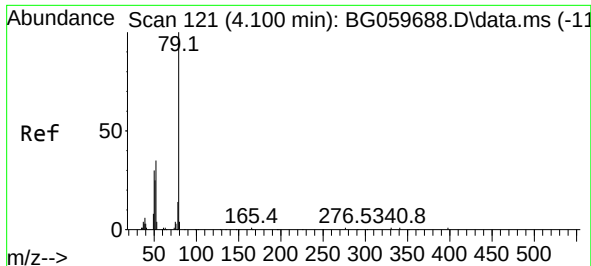
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023



#2
1,4-Dioxane
Concen: 21.290 ng
RT: 3.685 min Scan# 50
Delta R.T. 0.002 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

Tgt Ion: 88 Resp: 15349
Ion Ratio Lower Upper
88 100
58 36.4 30.5 45.7
43 22.5 17.7 26.5





#3
Pyridine
Concen: 21.095 ng
RT: 4.102 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

Instrument :

BNA_G

ClientSampleId :

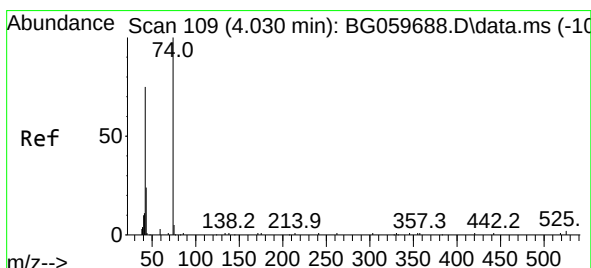
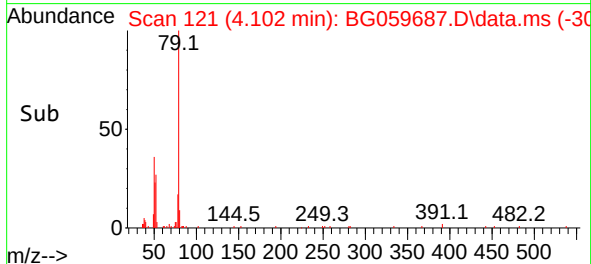
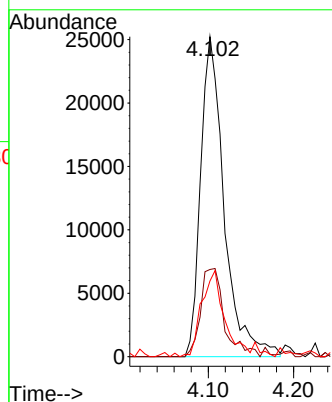
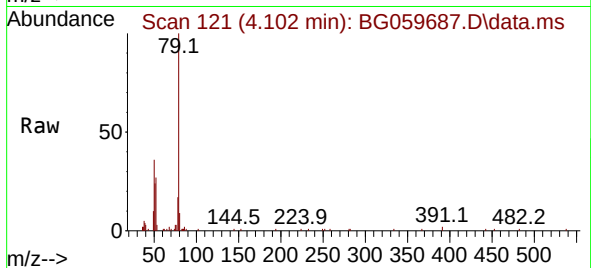
SSTDICC020

Tgt Ion: 79 Resp: 4834
Ion Ratio Lower Upper
79 100
52 27.2 27.8 41.8
51 23.7 20.2 30.2

Manual Integrations

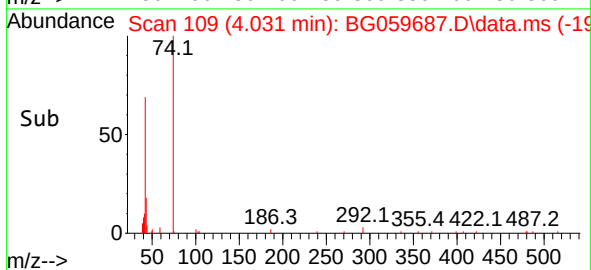
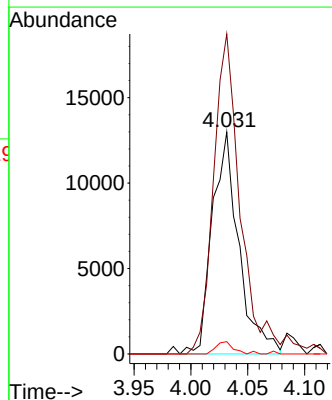
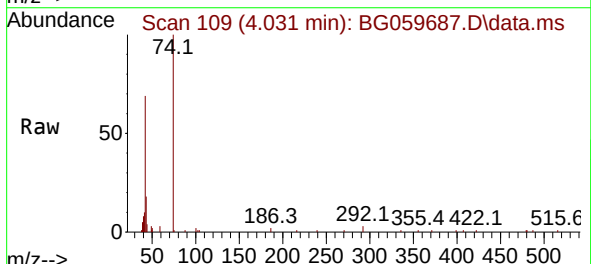
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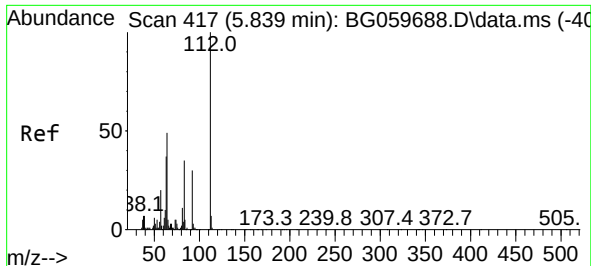
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023



#4
n-Nitrosodimethylamine
Concen: 22.463 ng
RT: 4.031 min Scan# 109
Delta R.T. 0.001 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

Tgt Ion: 42 Resp: 21117
Ion Ratio Lower Upper
42 100
74 144.2 106.7 160.1
44 5.6 1.1 1.7





#5
2-Fluorophenol
Concen: 43.781 ng
RT: 5.835 min Scan# 417
Delta R.T. -0.004 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

Instrument :

BNA_G

ClientSampleId :

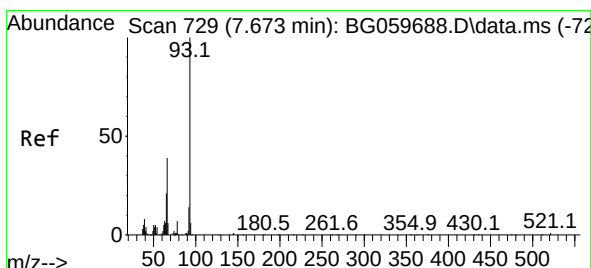
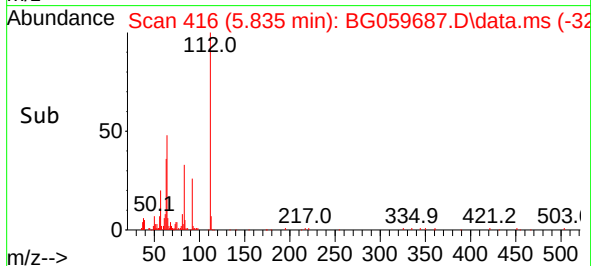
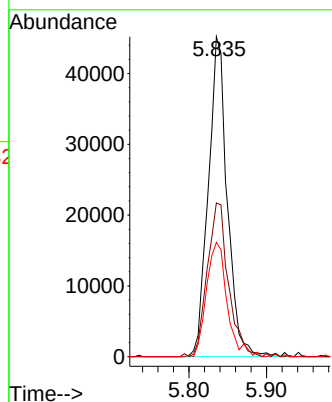
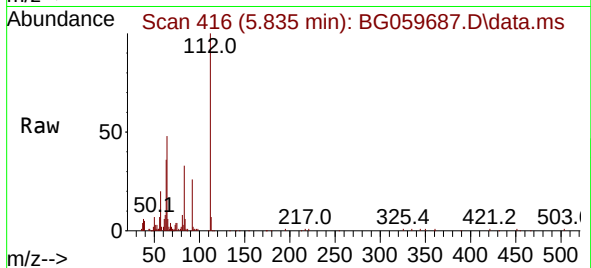
SSTDICC020

Tgt Ion:112 Resp: 76930
Ion Ratio Lower Upper
112 100
64 48.0 39.0 58.6
63 35.7 29.8 44.6

Manual Integrations

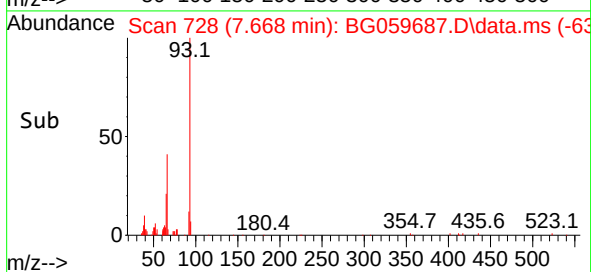
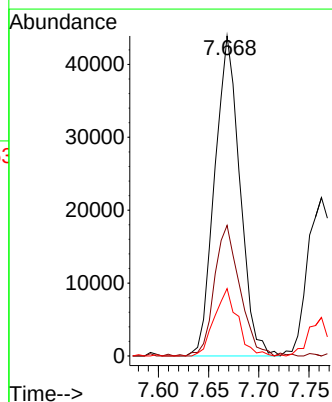
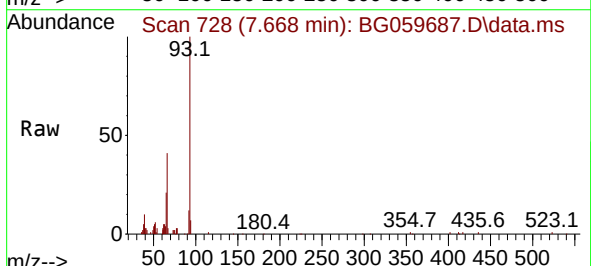
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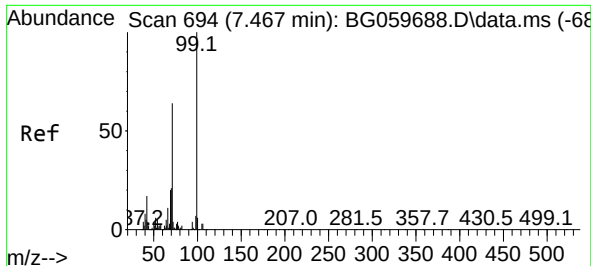
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023



#6
Aniline
Concen: 21.651 ng
RT: 7.668 min Scan# 728
Delta R.T. -0.004 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

Tgt Ion: 93 Resp: 76402
Ion Ratio Lower Upper
93 100
66 40.8 31.5 47.3
65 21.0 16.5 24.7





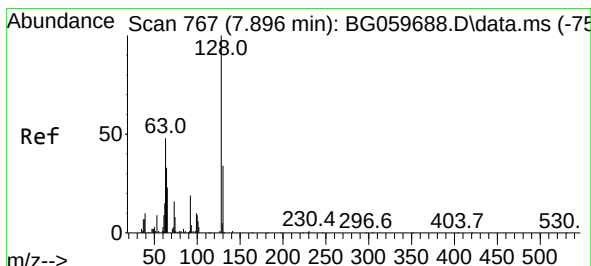
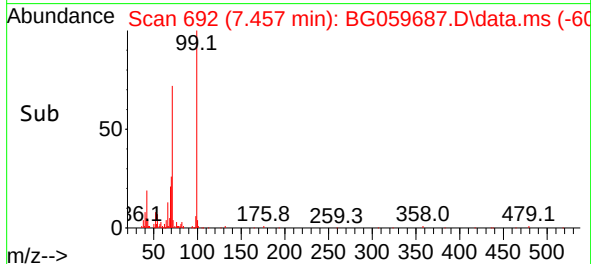
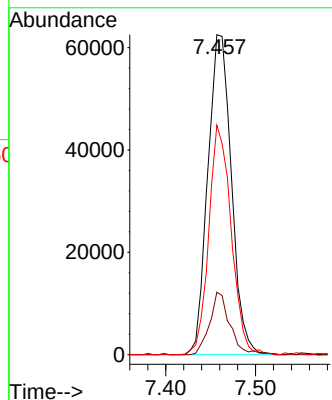
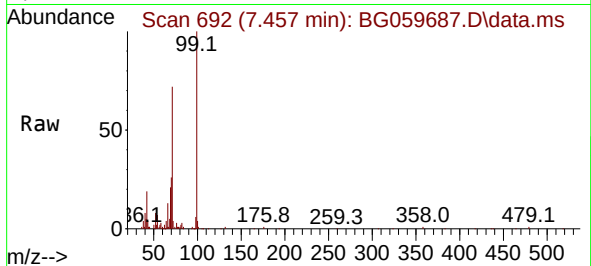
#7
Phenol-d6
Concen: 43.010 ng
RT: 7.457 min Scan# 694
Delta R.T. -0.010 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion: 99 Resp: 11422
Ion Ratio Lower Upper
99 100
42 19.5 13.2 19.8
71 71.7 51.3 76.9

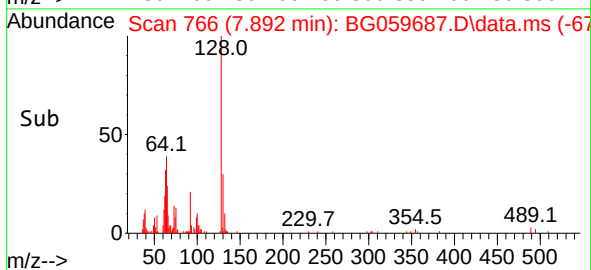
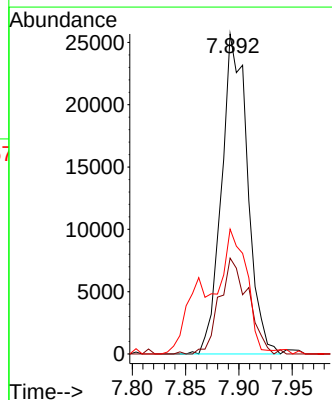
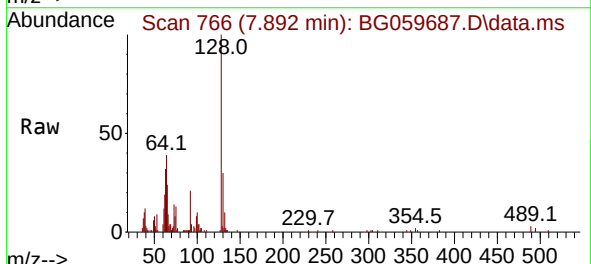
Manual Integrations
APPROVED

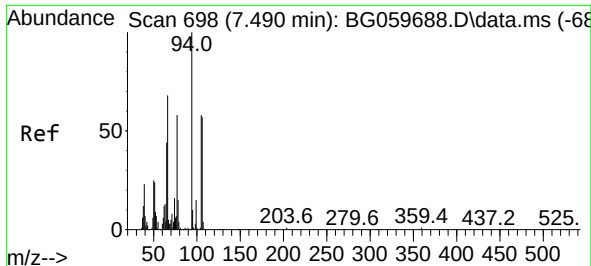
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023



#8
2-Chlorophenol
Concen: 21.828 ng
RT: 7.892 min Scan# 766
Delta R.T. -0.004 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

Tgt Ion:128 Resp: 43378
Ion Ratio Lower Upper
128 100
130 30.0 14.3 54.3
64 39.0 22.6 62.6





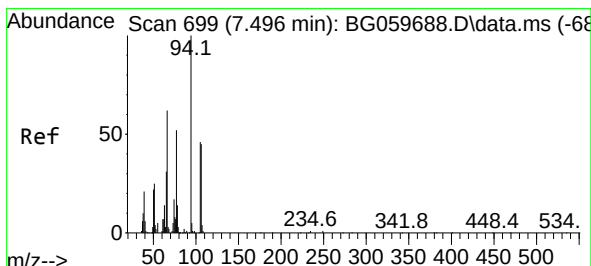
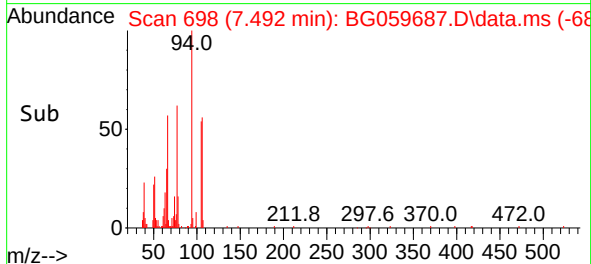
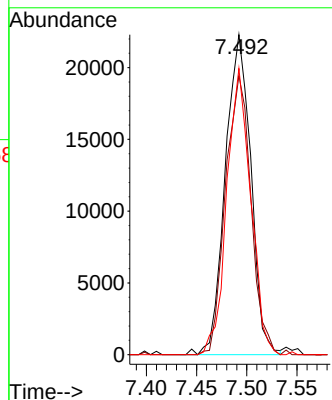
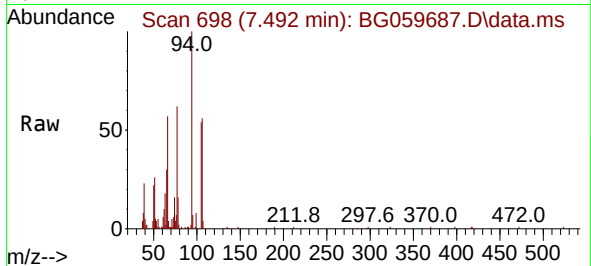
#9
Benzaldehyde
Concen: 22.976 ng
RT: 7.492 min Scan# 698
Delta R.T. 0.002 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 3948
Ion Ratio Lower Upper
77 100
105 87.2 79.9 119.9
106 89.5 78.3 118.3

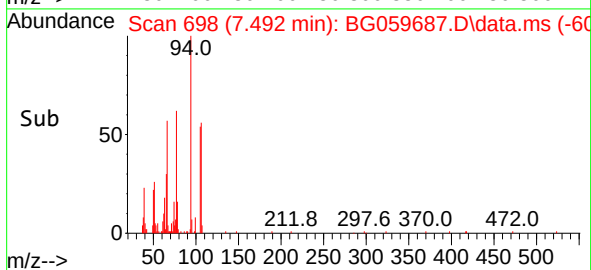
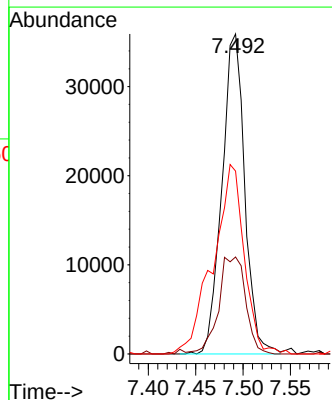
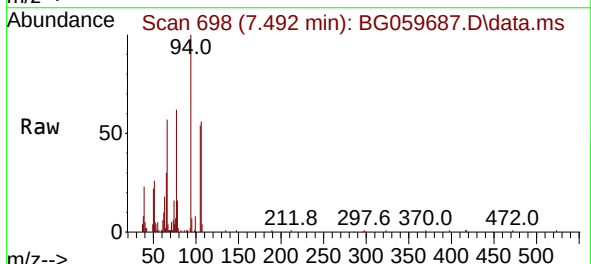
Manual Integrations
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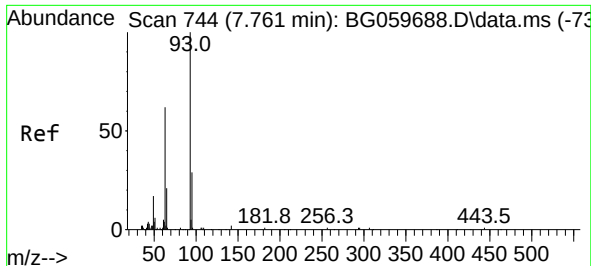
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023



#10
Phenol
Concen: 22.038 ng
RT: 7.492 min Scan# 698
Delta R.T. -0.004 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

Tgt Ion: 94 Resp: 60114
Ion Ratio Lower Upper
94 100
65 30.3 11.3 51.3
66 57.2 44.5 84.5





#11
bis(2-Chloroethyl)ether
Concen: 21.269 ng
RT: 7.762 min Scan# 744
Delta R.T. 0.002 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

Instrument :

BNA_G

ClientSampleId :

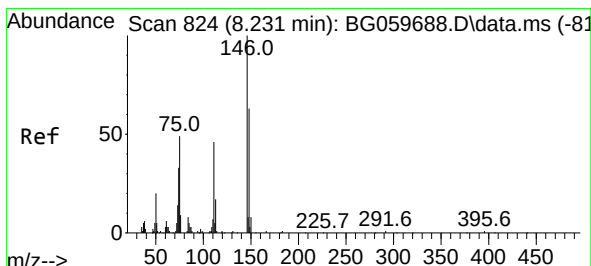
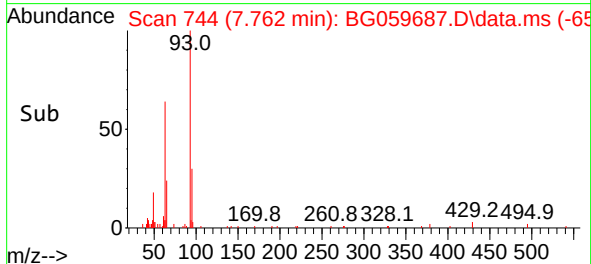
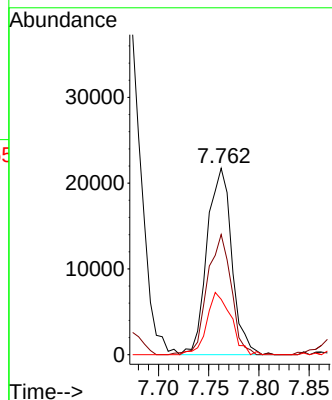
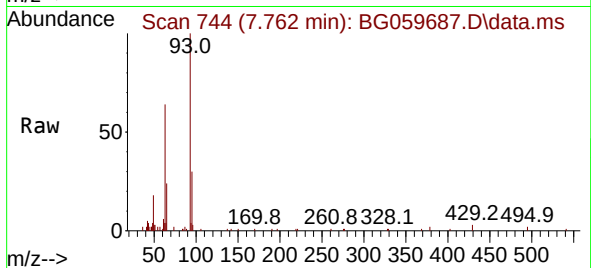
SSTDICC020

Tgt Ion: 93 Resp: 37279
Ion Ratio Lower Upper
93 100
63 64.4 41.8 81.8
95 29.7 8.3 48.3

Manual Integrations

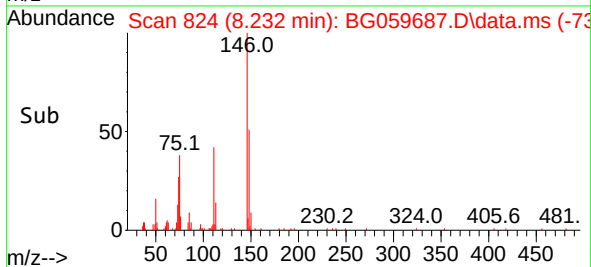
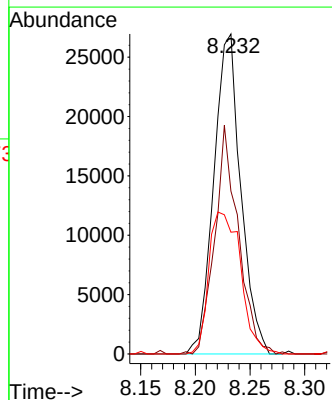
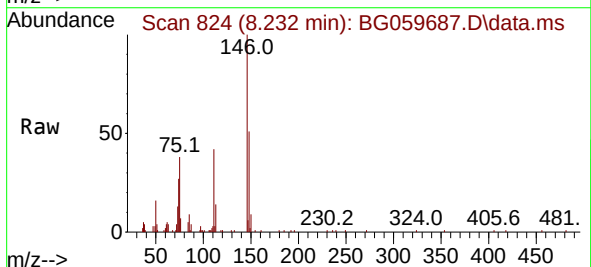
APPROVED

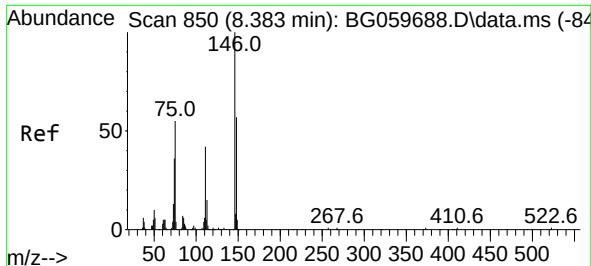
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023



#12
1,3-Dichlorobenzene
Concen: 21.116 ng m
RT: 8.232 min Scan# 824
Delta R.T. 0.002 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

Tgt Ion:146 Resp: 46133
Ion Ratio Lower Upper
146 100
148 50.9 50.4 75.6
75 38.1 39.5 59.3#





#13

1,4-Dichlorobenzene

Concen: 21.217 ng

RT: 8.385 min Scan# 850

Delta R.T. 0.002 min

Lab File: BG059687.D

Acq: 14 Nov 2023 18:43

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

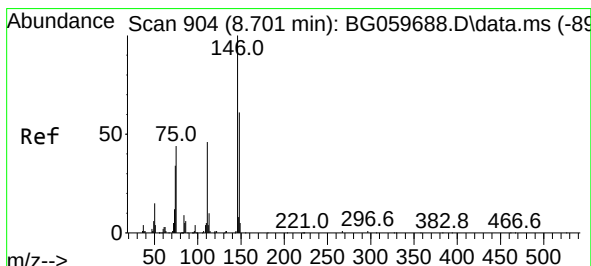
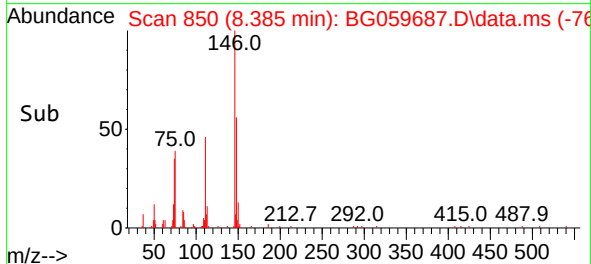
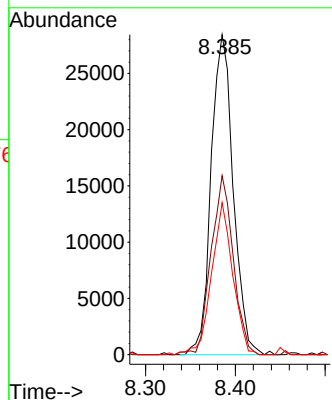
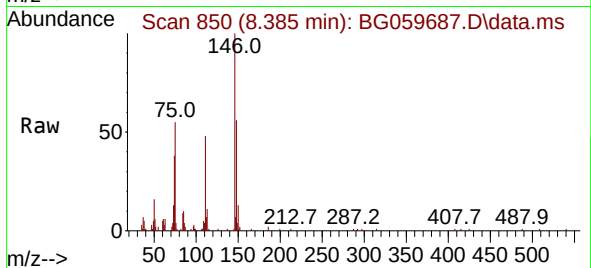
Tgt Ion:	146	Resp:	4864
Ion Ratio	Lower	Upper	
146	100		
148	56.0	45.4	68.2
111	47.5	33.7	50.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/16/2023

Supervised By :mohammad ahmed 11/17/2023



#14

1,2-Dichlorobenzene

Concen: 20.229 ng

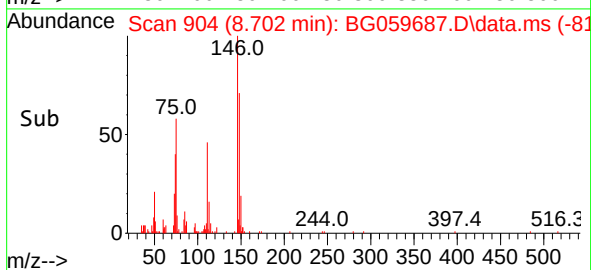
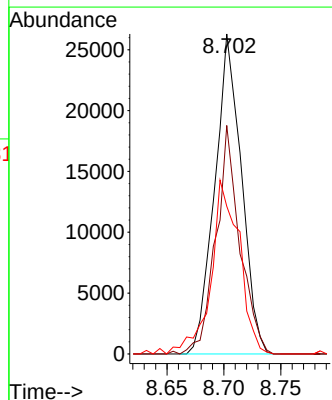
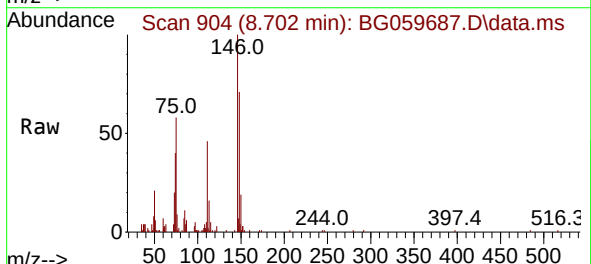
RT: 8.702 min Scan# 904

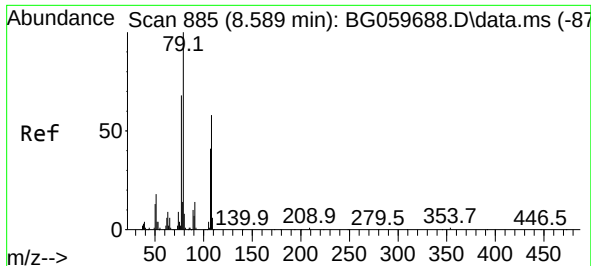
Delta R.T. 0.002 min

Lab File: BG059687.D

Acq: 14 Nov 2023 18:43

Tgt Ion:	146	Resp:	42785
Ion Ratio	Lower	Upper	
146	100		
148	71.4	48.6	73.0
111	46.1	37.8	56.8





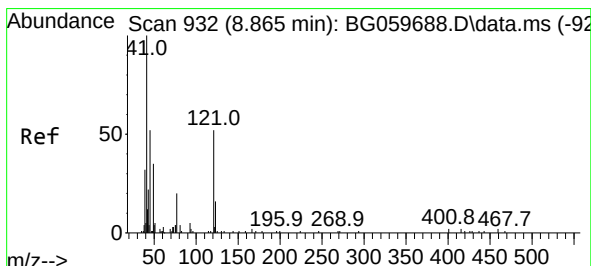
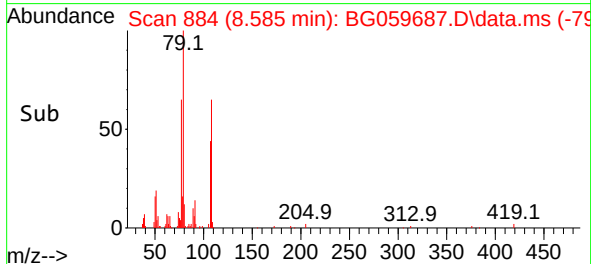
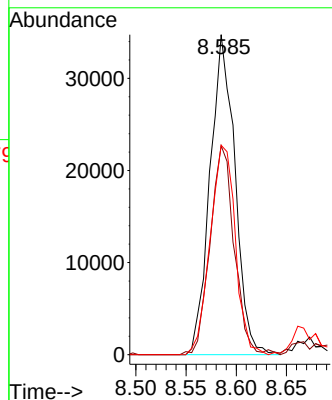
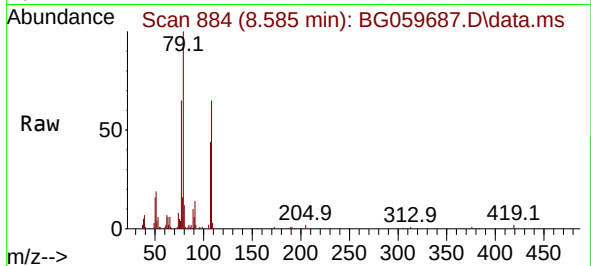
#15
Benzyl Alcohol
Concen: 21.236 ng
RT: 8.585 min Scan# 884
Delta R.T. -0.004 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion: 79 Resp: 6004
Ion Ratio Lower Upper
79 100
108 65.3 46.2 69.4
77 65.5 54.8 82.2

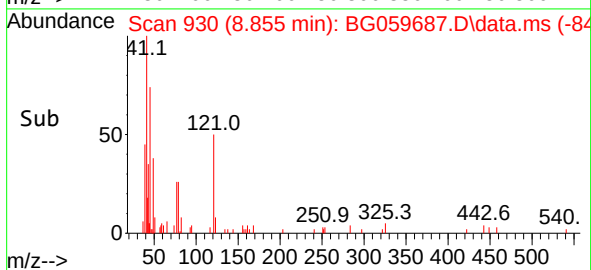
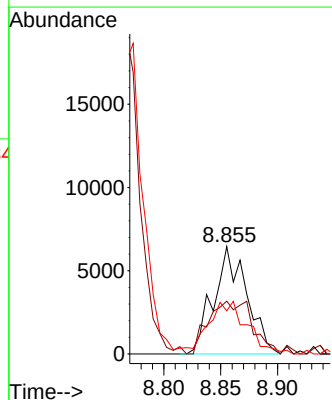
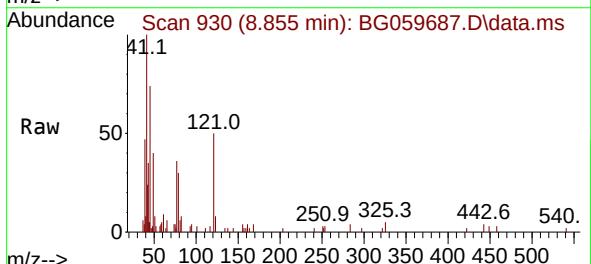
Manual Integrations
APPROVED

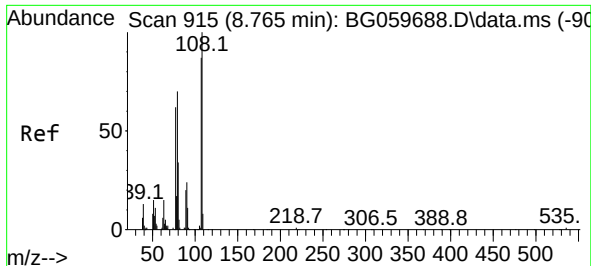
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 19.833 ng
RT: 8.855 min Scan# 930
Delta R.T. -0.010 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

Tgt Ion: 45 Resp: 13075
Ion Ratio Lower Upper
45 100
77 49.2 45.6 85.6
79 40.2 19.8 59.8





#17
2-Methylphenol
Concen: 20.912 ng
RT: 8.767 min Scan# 915
Delta R.T. 0.002 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

Instrument :

BNA_G

ClientSampleId :

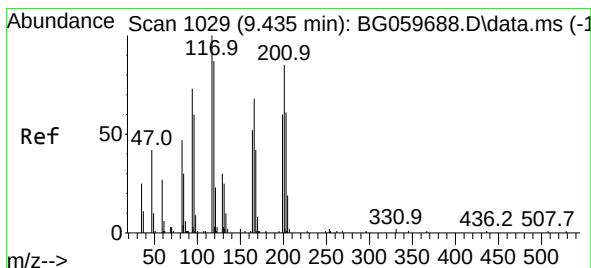
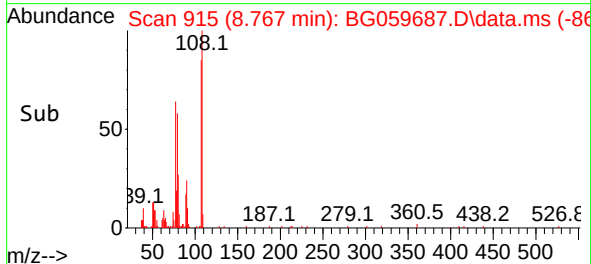
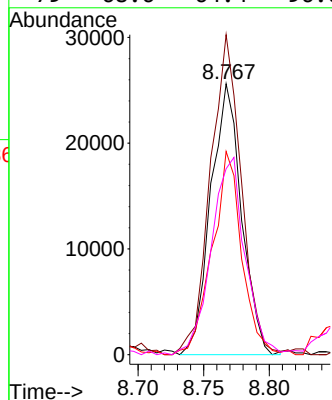
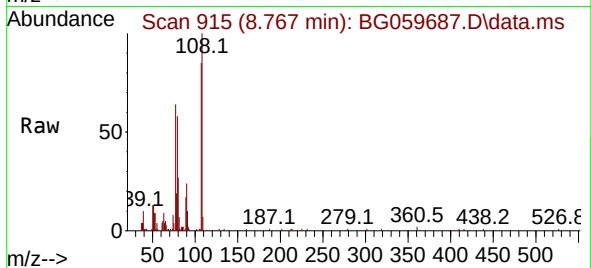
SSTDICC020

Tgt Ion:107 Resp: 41788
Ion Ratio Lower Upper
107 100
108 118.1 92.7 139.1
77 75.0 56.7 85.1
79 68.6 64.4 96.6

Manual Integrations

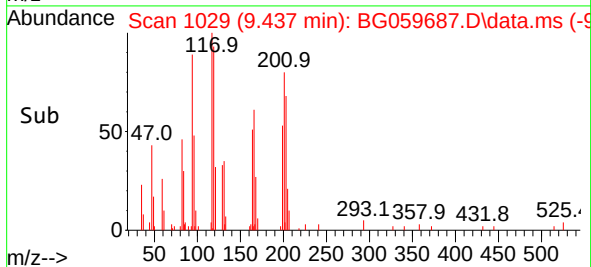
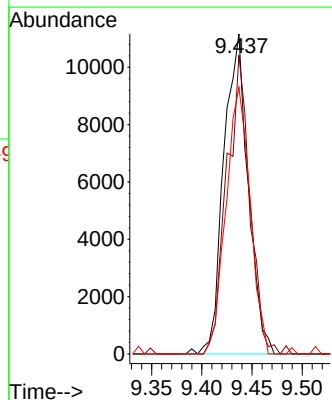
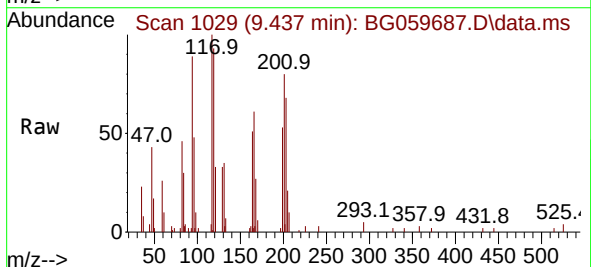
APPROVED

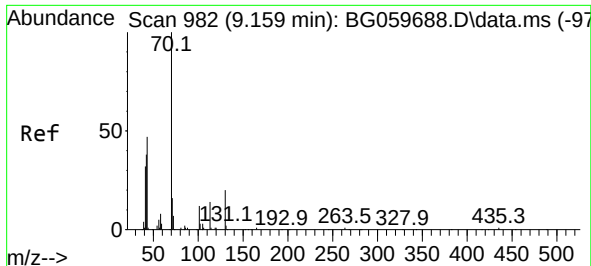
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023



#18
Hexachloroethane
Concen: 21.703 ng
RT: 9.437 min Scan# 1029
Delta R.T. 0.002 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

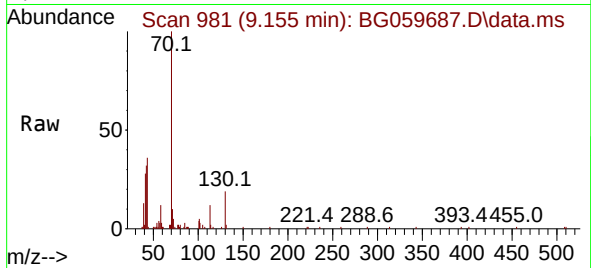
Tgt Ion:117 Resp: 18960
Ion Ratio Lower Upper
117 100
119 92.0 69.2 103.8
201 82.1 69.4 104.2





#19
n-Nitroso-di-n-propylamine
Concen: 21.610 ng
RT: 9.155 min Scan# 91
Delta R.T. -0.004 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

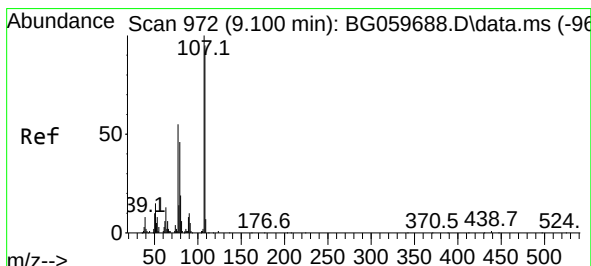
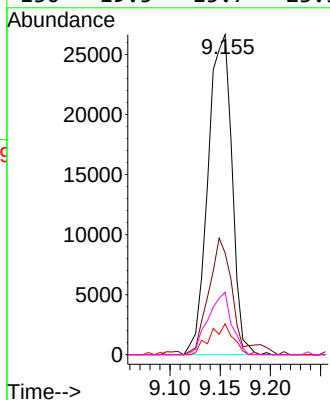
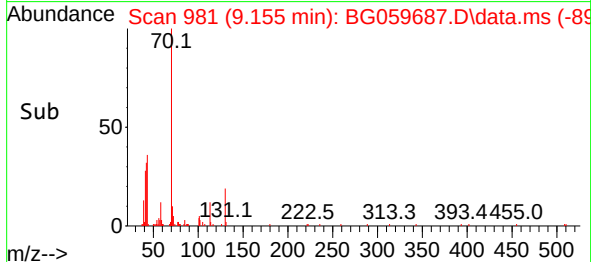
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



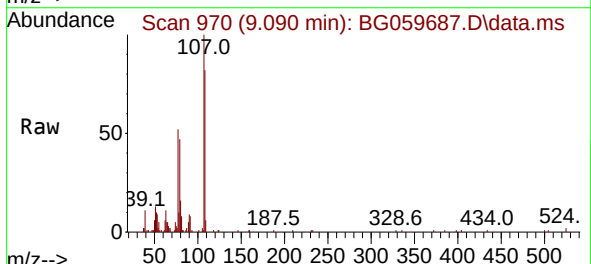
Tgt Ion: 70 Resp: 44210
Ion Ratio Lower Upper
70 100
42 31.8 30.8 46.2
101 9.6 9.4 14.2
130 19.5 15.7 23.5

Manual Integrations
APPROVED

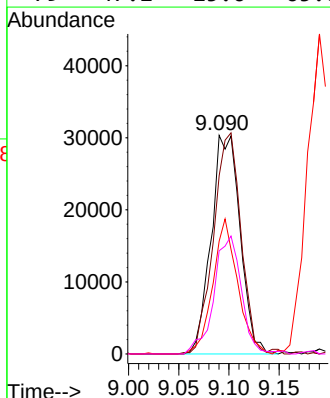
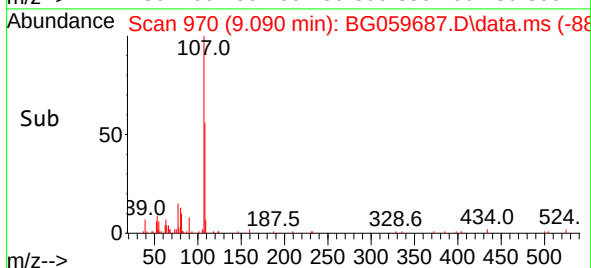
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023

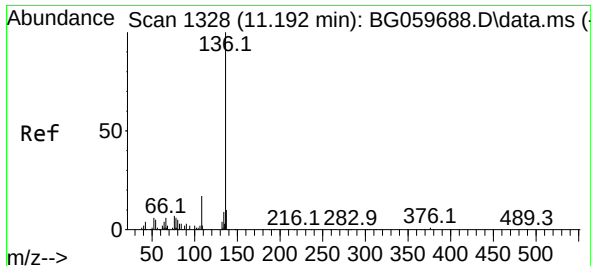


#20
3+4-Methylphenols
Concen: 21.780 ng
RT: 9.090 min Scan# 970
Delta R.T. -0.010 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43



Tgt Ion:107 Resp: 60825
Ion Ratio Lower Upper
107 100
108 81.5 75.4 115.4
77 51.6 35.6 75.6
79 47.2 25.6 65.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.194 min Scan# 111
Delta R.T. 0.002 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

Instrument :

BNA_G

ClientSampleId :

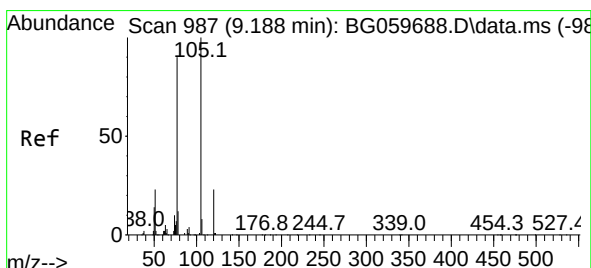
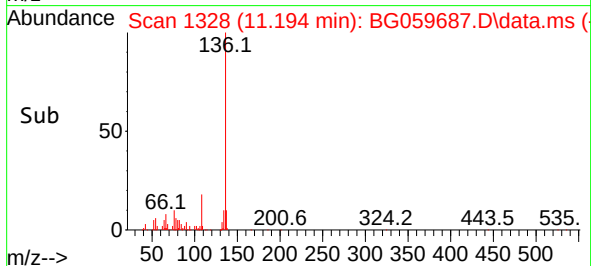
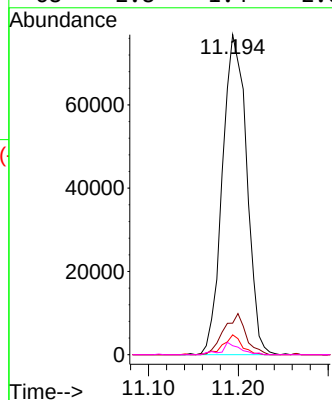
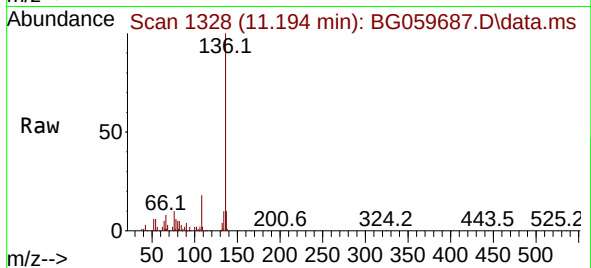
SSTDICC020

Tgt Ion:136 Resp: 144399
Ion Ratio Lower Upper
136 100
137 9.8 7.7 11.5
54 6.2 4.2 6.2
68 2.8 1.4 2.0#

Manual Integrations

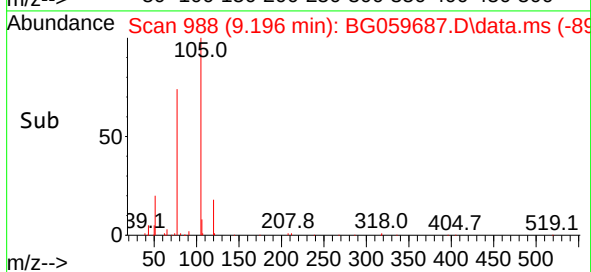
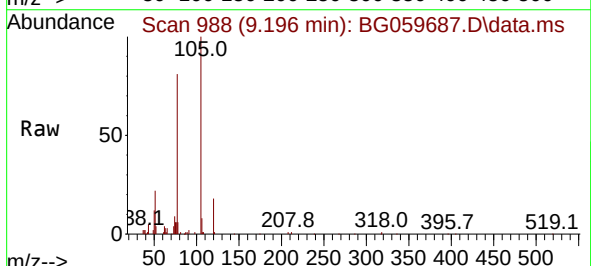
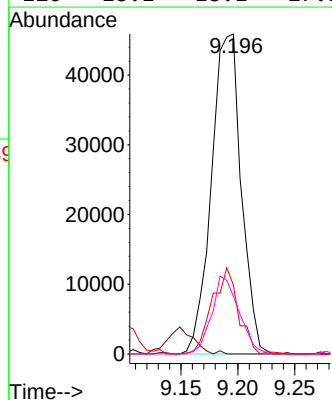
APPROVED

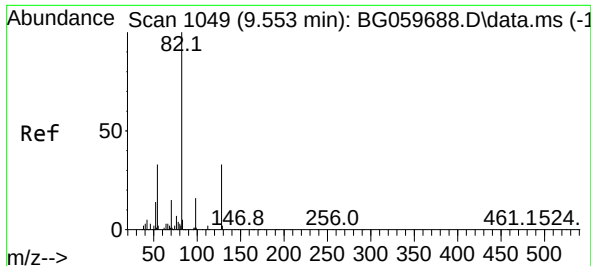
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023



#22
Acetophenone
Concen: 21.359 ng
RT: 9.196 min Scan# 988
Delta R.T. 0.008 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

Tgt Ion:105 Resp: 83786
Ion Ratio Lower Upper
105 100
71 0.0 0.0 0.0
51 21.6 18.6 28.0
120 18.1 18.1 27.1





#23
Nitrobenzene-d5
Concen: 42.910 ng
RT: 9.549 min Scan# 1048
Delta R.T. -0.004 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

Instrument :

BNA_G

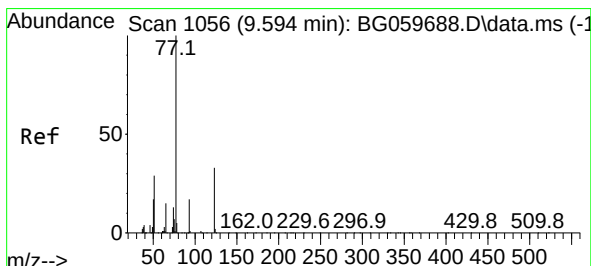
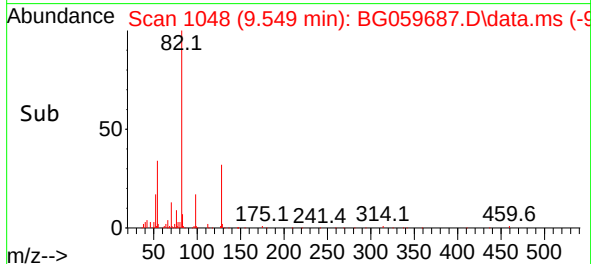
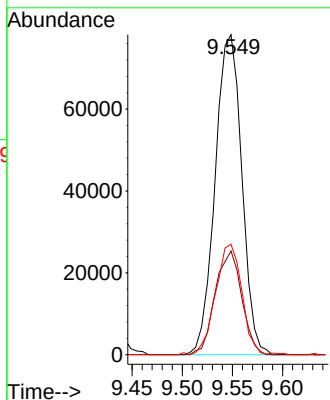
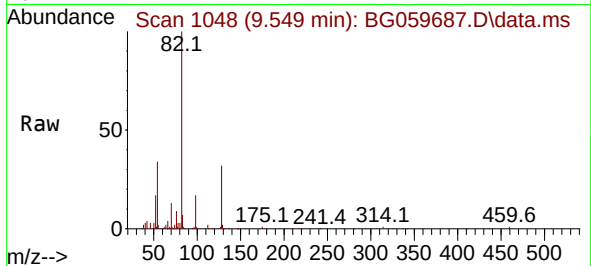
ClientSampleId :

SSTDICC020

Tgt Ion: 82 Resp: 14413
Ion Ratio Lower Upper
82 100
128 32.4 26.3 39.5
54 34.5 26.6 39.8

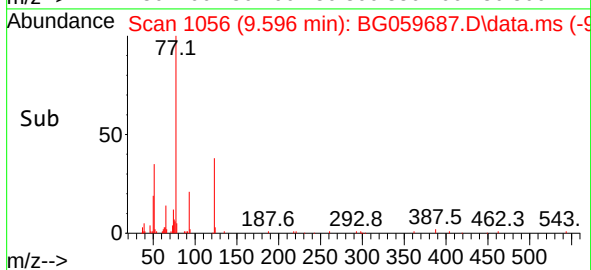
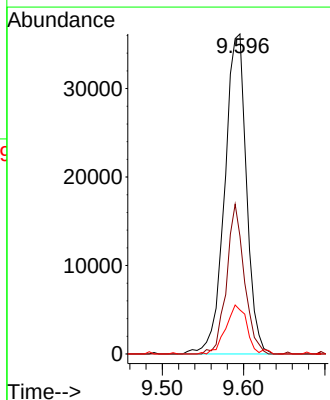
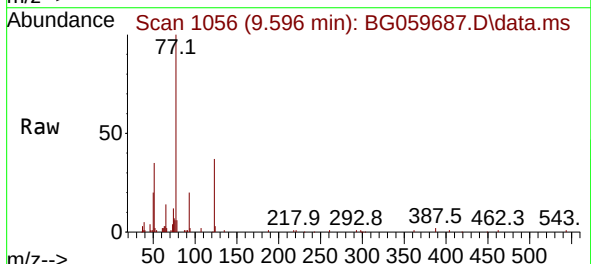
Manual Integrations
APPROVED

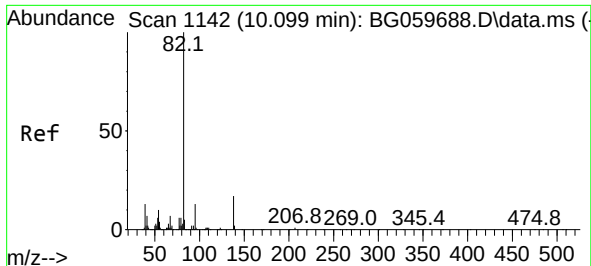
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023



#24
Nitrobenzene
Concen: 21.589 ng
RT: 9.596 min Scan# 1056
Delta R.T. 0.002 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

Tgt Ion: 77 Resp: 67239
Ion Ratio Lower Upper
77 100
123 36.8 26.6 39.8
65 13.7 11.8 17.6





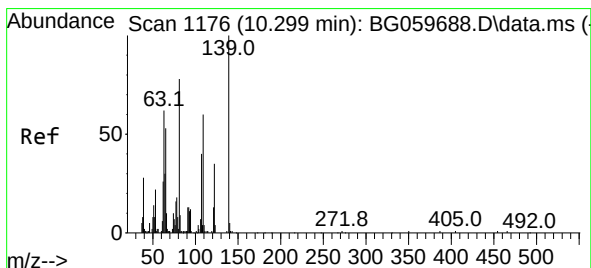
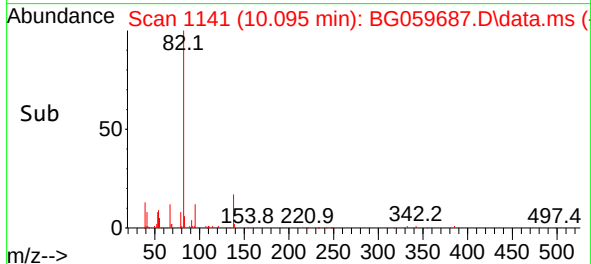
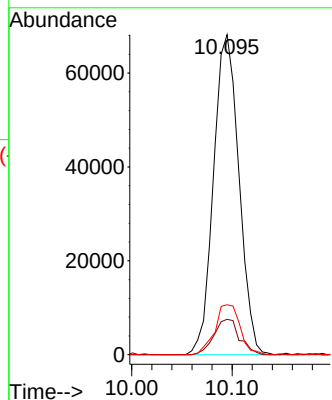
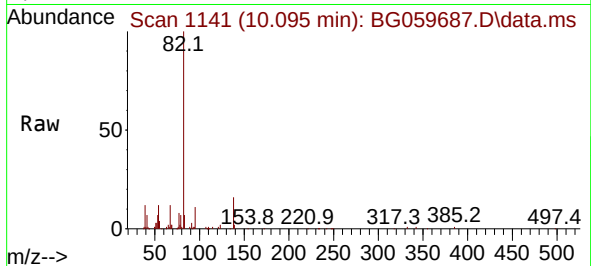
#25
Isophorone
Concen: 20.750 ng
RT: 10.095 min Scan# 1141
Delta R.T. -0.004 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 11989
Ion Ratio Lower Upper
82 100
95 11.1 10.2 15.4
138 15.6 13.4 20.0

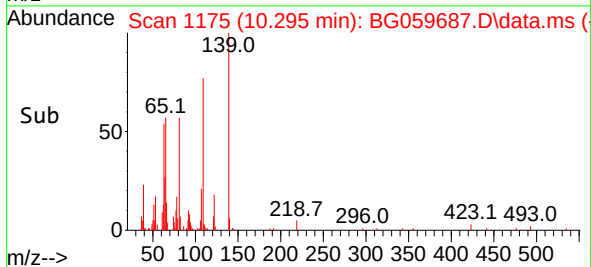
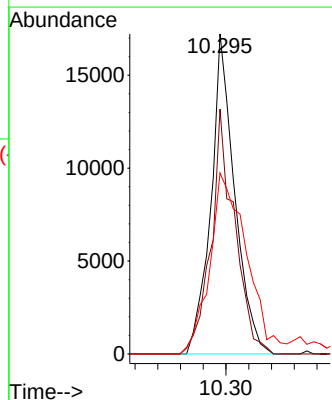
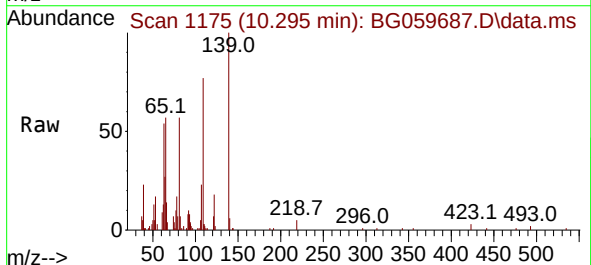
Manual Integrations
APPROVED

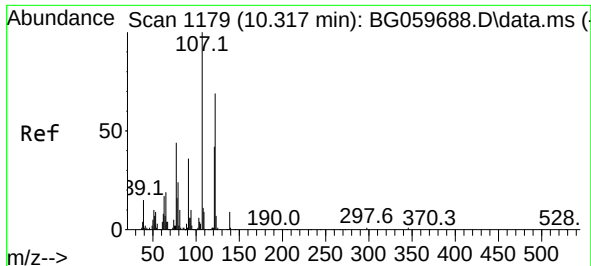
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023



#26
2-Nitrophenol
Concen: 20.689 ng
RT: 10.295 min Scan# 1175
Delta R.T. -0.004 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

Tgt Ion:139 Resp: 24949
Ion Ratio Lower Upper
139 100
109 76.5 47.8 71.6#
65 56.5 42.4 63.6





#27
2,4-Dimethylphenol
Concen: 21.127 ng
RT: 10.318 min Scan# 1179
Delta R.T. 0.002 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

Instrument :

BNA_G

ClientSampleId :

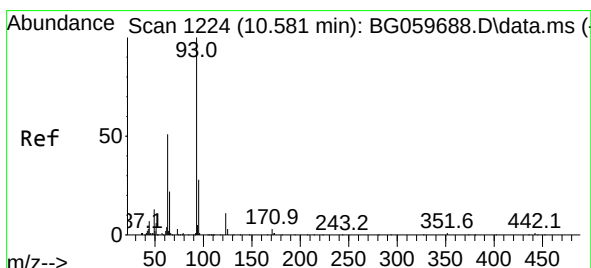
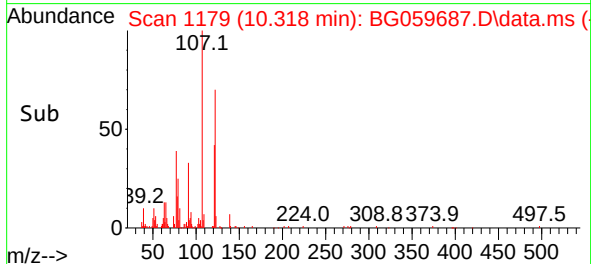
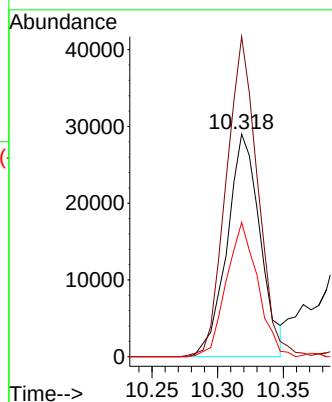
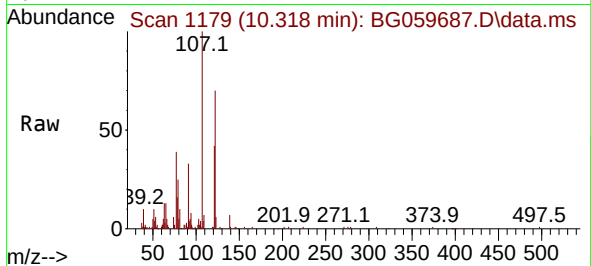
SSTDICC020

Tgt Ion:122 Resp: 50790
Ion Ratio Lower Upper
122 100
107 143.7 116.0 174.0
121 60.3 48.6 73.0

Manual Integrations

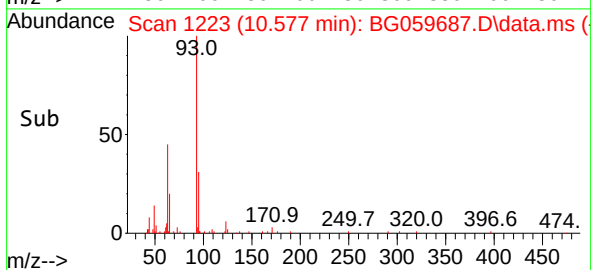
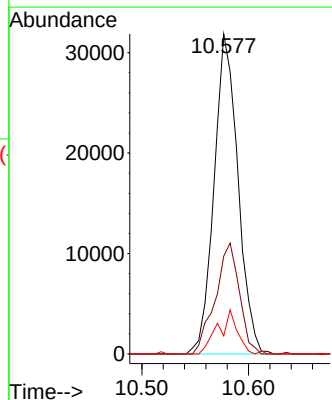
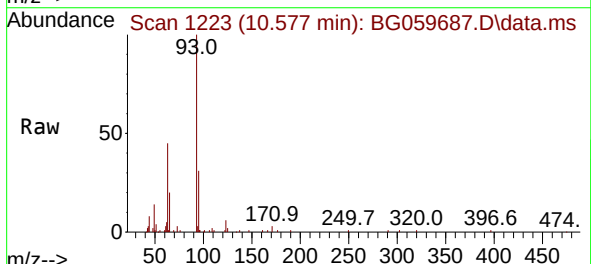
APPROVED

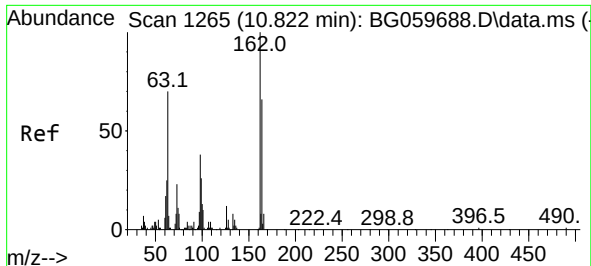
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023



#28
bis(2-Chloroethoxy)methane
Concen: 20.662 ng
RT: 10.577 min Scan# 1223
Delta R.T. -0.004 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

Tgt Ion: 93 Resp: 49521
Ion Ratio Lower Upper
93 100
95 30.5 22.2 33.4
123 5.6 8.6 13.0#





#29

2,4-Dichlorophenol

Concen: 20.787 ng

RT: 10.824 min Scan# 1265

Delta R.T. 0.002 min

Lab File: BG059687.D

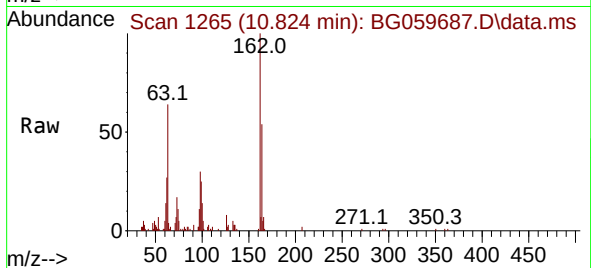
Acq: 14 Nov 2023 18:43

Instrument :

BNA_G

ClientSampleId :

SSTDICC020



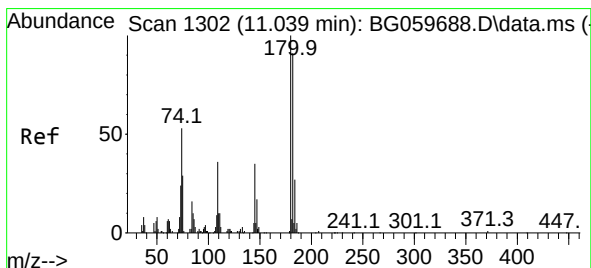
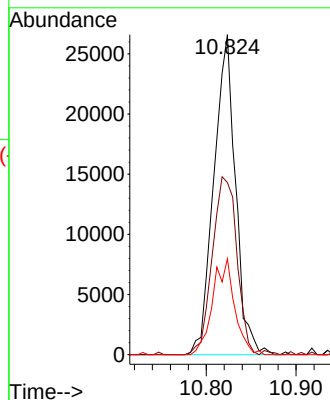
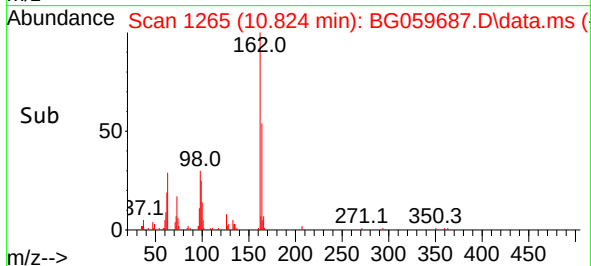
Tgt Ion:	162	Resp:	4465
Ion Ratio	Lower	Upper	
162	100		
164	53.8	45.6	85.6
98	30.0	18.1	58.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/16/2023

Supervised By :mohammad ahmed 11/17/2023



#30

1,2,4-Trichlorobenzene

Concen: 21.218 ng

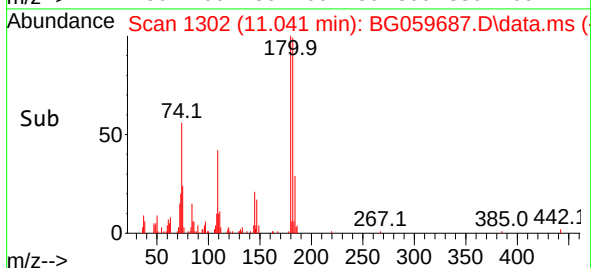
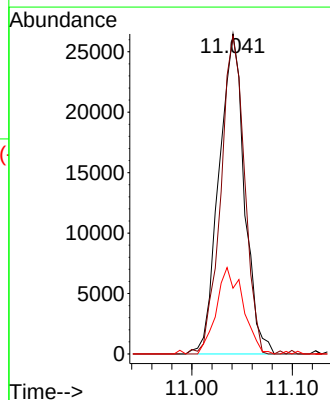
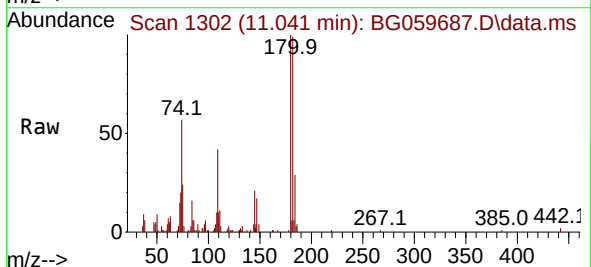
RT: 11.041 min Scan# 1302

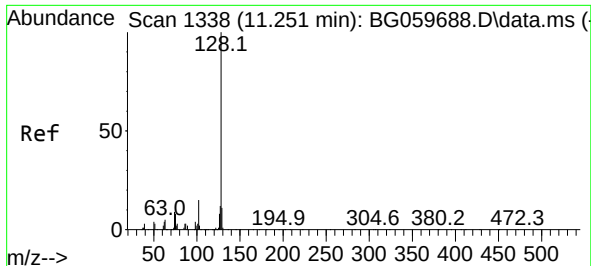
Delta R.T. 0.002 min

Lab File: BG059687.D

Acq: 14 Nov 2023 18:43

Tgt Ion:	180	Resp:	46551
Ion Ratio	Lower	Upper	
180	100		
182	99.3	72.9	109.3
145	22.7	28.1	42.1#





#31
Naphthalene
Concen: 21.096 ng
RT: 11.247 min Scan# 1119
Delta R.T. -0.004 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

Instrument :

BNA_G

ClientSampleId :

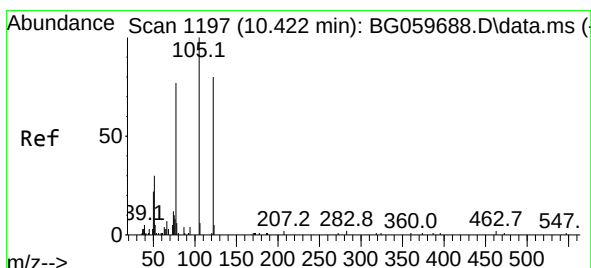
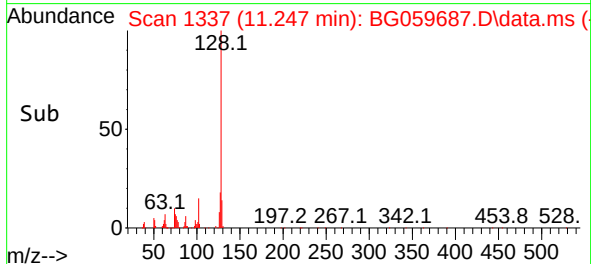
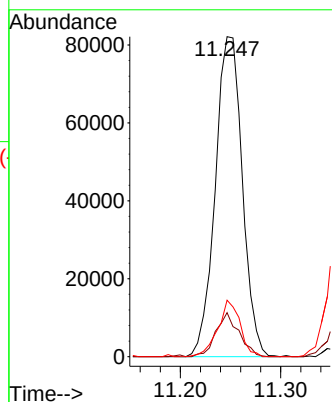
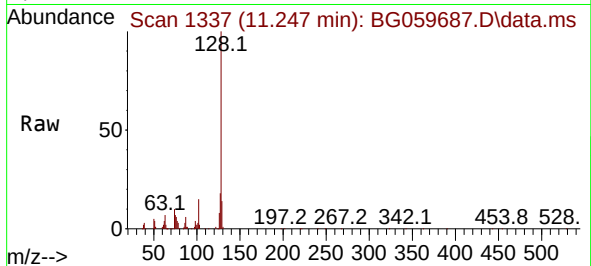
SSTDICC020

Tgt Ion:128 Resp: 15379
Ion Ratio Lower Upper
128 100
129 13.8 8.6 12.8
127 17.7 9.8 14.6

Manual Integrations

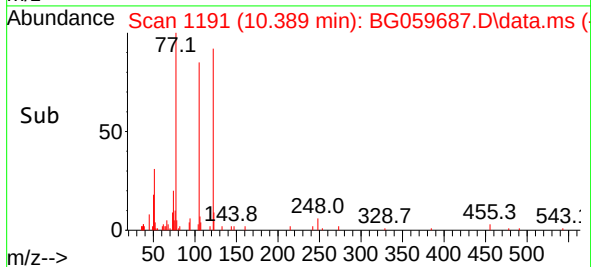
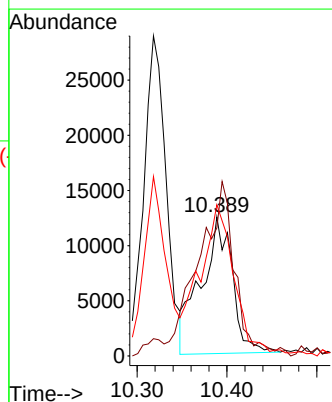
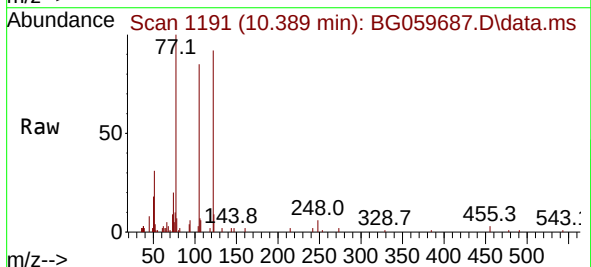
APPROVED

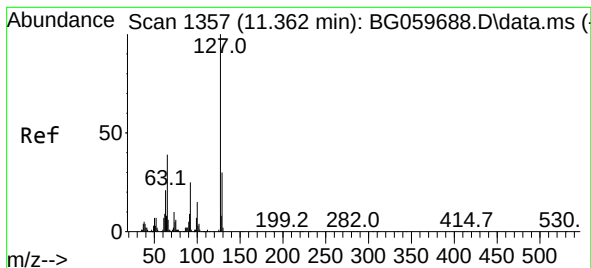
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023



#32
Benzoic acid
Concen: 18.894 ng
RT: 10.389 min Scan# 1191
Delta R.T. -0.033 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

Tgt Ion:122 Resp: 30023
Ion Ratio Lower Upper
122 100
105 92.2 110.6 150.6
77 108.8 86.5 126.5





#33
4-Chloroaniline
Concen: 20.592 ng
RT: 11.364 min Scan# 1357
Delta R.T. 0.002 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

Instrument :

BNA_G

ClientSampleId :

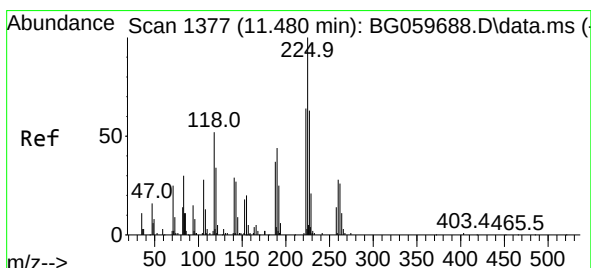
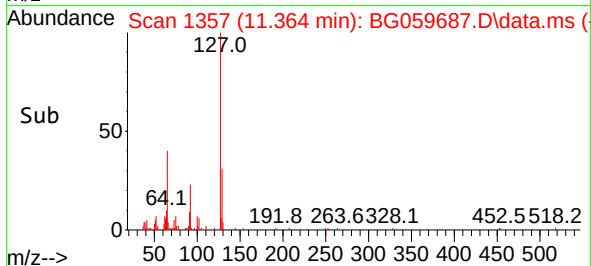
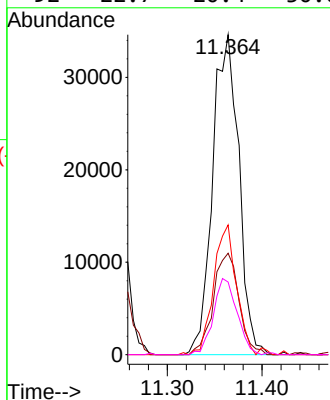
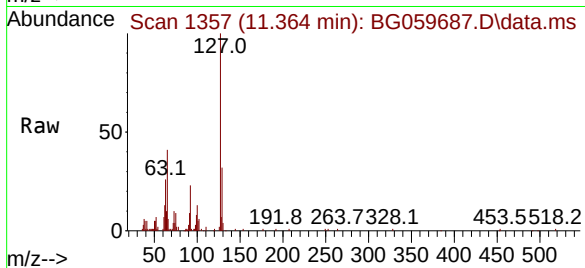
SSTDICC020

Tgt Ion:	127	Resp:	6641
Ion Ratio	Lower	Upper	
127	100		
129	31.7	24.2	36.2
65	40.5	31.3	46.9
92	22.7	20.4	30.6

Manual Integrations

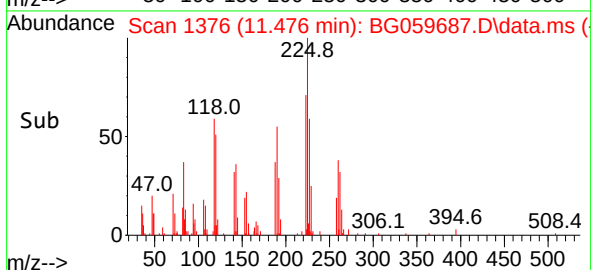
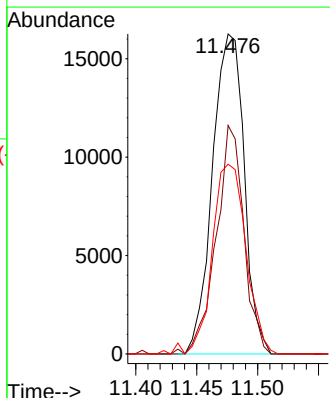
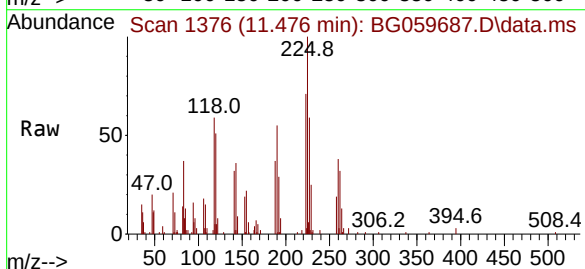
APPROVED

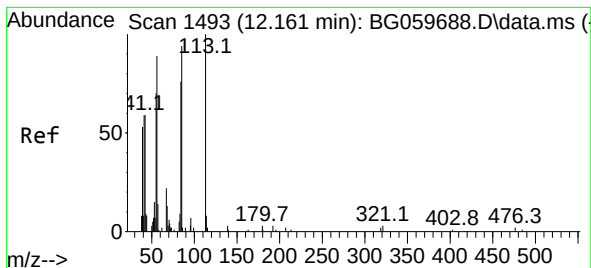
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023



#34
Hexachlorobutadiene
Concen: 20.812 ng
RT: 11.476 min Scan# 1376
Delta R.T. -0.004 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

Tgt Ion:	225	Resp:	29393
Ion Ratio	Lower	Upper	
225	100		
223	71.4	51.0	76.6
227	59.3	50.1	75.1





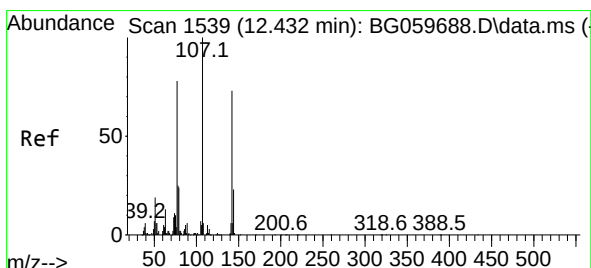
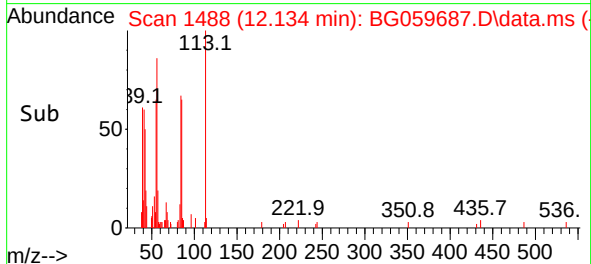
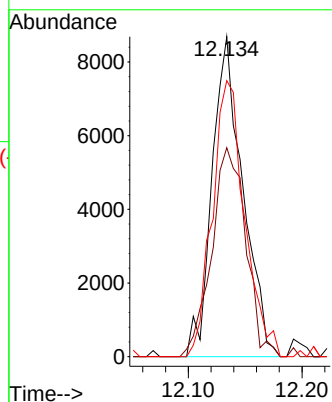
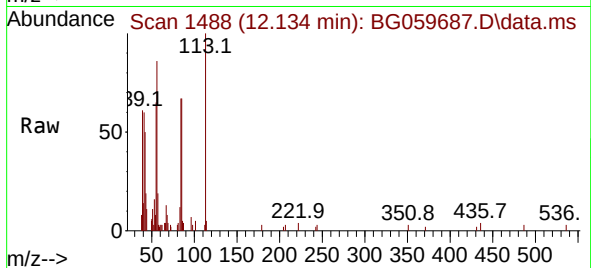
#35
 Caprolactam
 Concen: 21.234 ng
 RT: 12.134 min Scan# 1493
 Delta R.T. -0.028 min
 Lab File: BG059687.D
 Acq: 14 Nov 2023 18:43

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC020

Tgt Ion:113 Resp: 16310
 Ion Ratio Lower Upper
 113 100
 55 65.3 49.8 89.8
 56 86.2 68.8 108.8

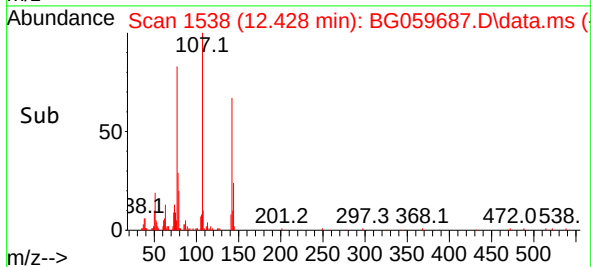
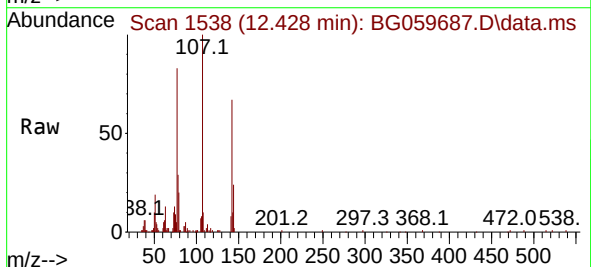
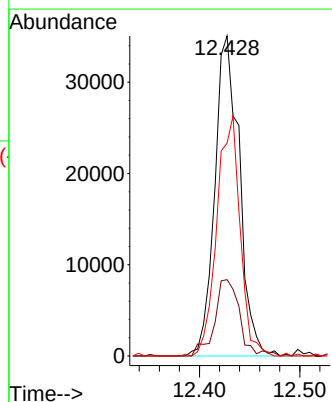
Manual Integrations
 APPROVED

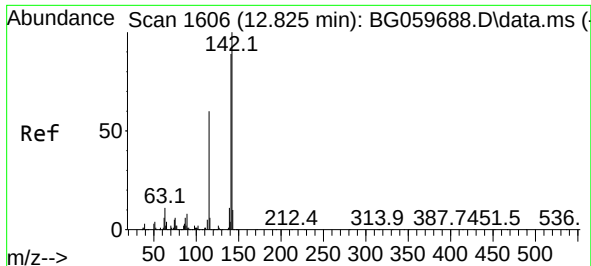
Reviewed By :Yogesh Patel 11/16/2023
 Supervised By :mohammad ahmed 11/17/2023



#36
 4-Chloro-3-methylphenol
 Concen: 20.555 ng
 RT: 12.428 min Scan# 1538
 Delta R.T. -0.004 min
 Lab File: BG059687.D
 Acq: 14 Nov 2023 18:43

Tgt Ion:107 Resp: 59521
 Ion Ratio Lower Upper
 107 100
 144 23.9 18.3 27.5
 142 66.5 58.4 87.6





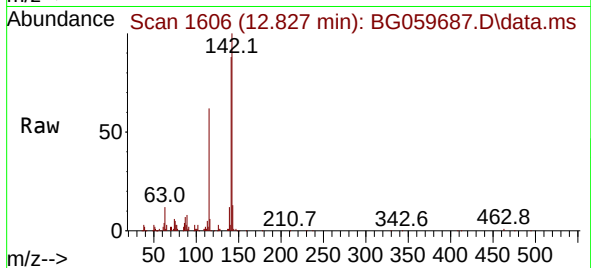
#37
2-Methylnaphthalene
Concen: 21.393 ng
RT: 12.827 min Scan# 1606
Delta R.T. 0.002 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

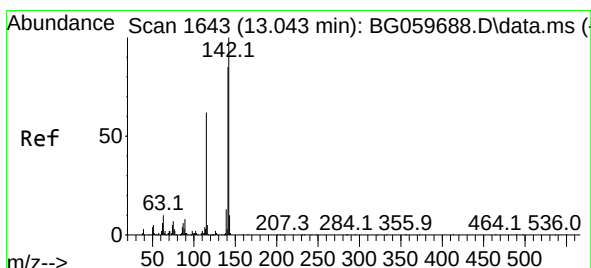
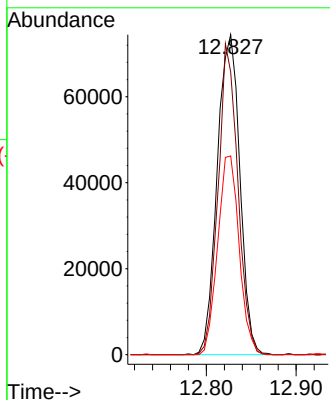
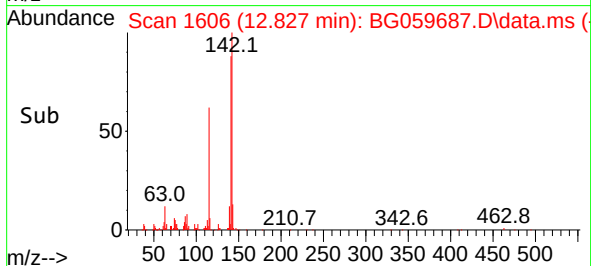


Tgt Ion:142 Resp: 13026
Ion Ratio Lower Upper
142 100
141 88.3 70.9 106.3
115 62.1 47.9 71.9

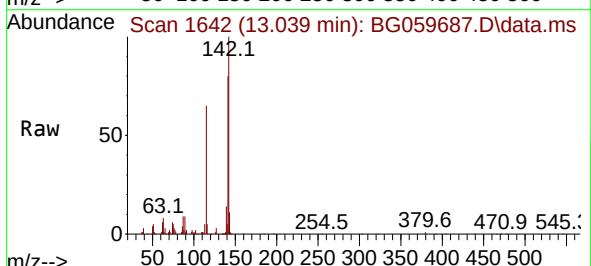
Manual Integrations

APPROVED

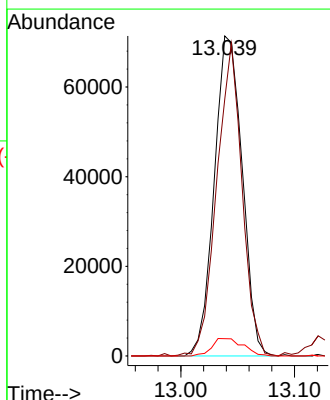
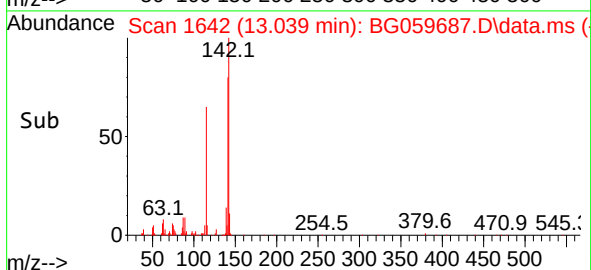
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023

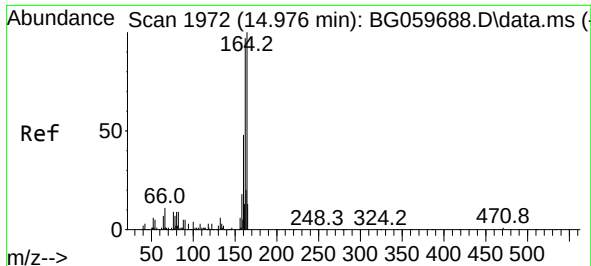


#38
1-Methylnaphthalene
Concen: 21.773 ng
RT: 13.039 min Scan# 1642
Delta R.T. -0.004 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43



Tgt Ion:142 Resp: 121780
Ion Ratio Lower Upper
142 100
141 80.3 68.3 102.5
116 5.4 4.4 6.6





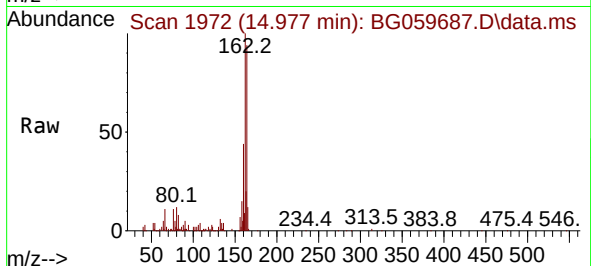
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.977 min Scan# 1972
Delta R.T. 0.001 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

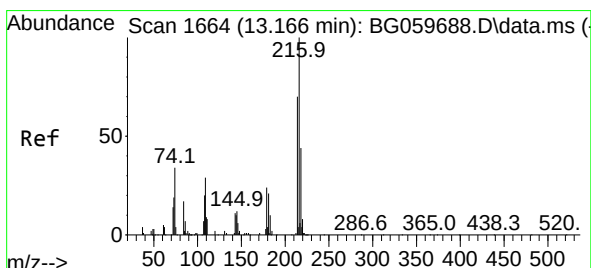
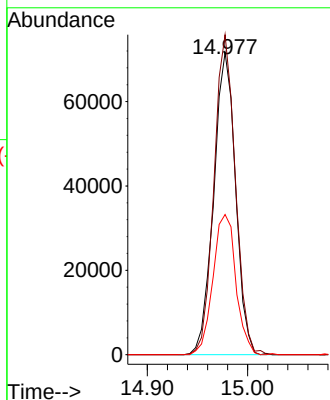
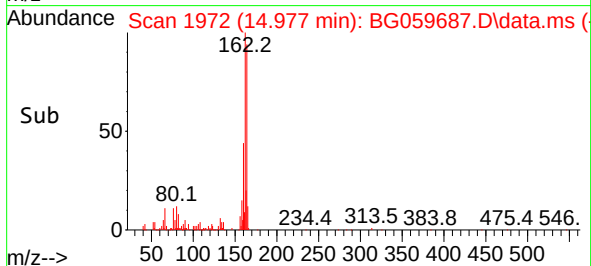


Tgt Ion:164 Resp: 10820
Ion Ratio Lower Upper
164 100
162 105.9 77.8 116.6
160 46.4 38.0 57.0

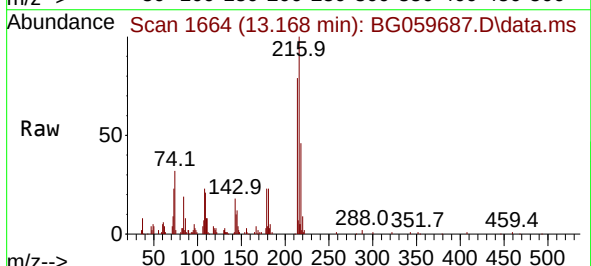
Manual Integrations

APPROVED

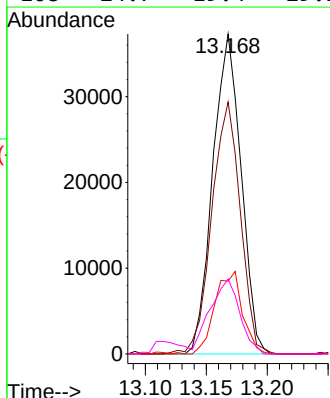
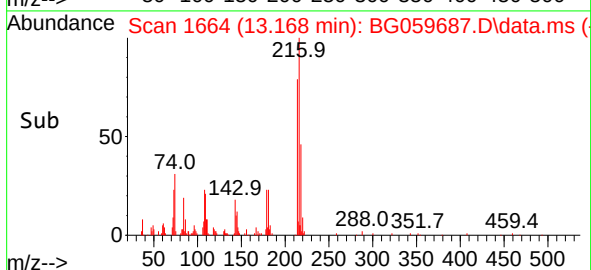
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023

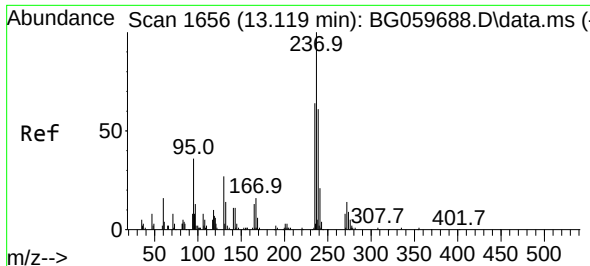


#40
1,2,4,5-Tetrachlorobenzene
Concen: 20.432 ng
RT: 13.168 min Scan# 1664
Delta R.T. 0.002 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43



Tgt Ion:216 Resp: 60223
Ion Ratio Lower Upper
216 100
214 79.4 62.2 93.2
179 25.0 19.5 29.3
108 24.7 19.4 29.2





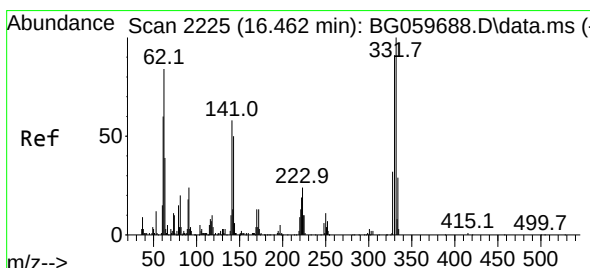
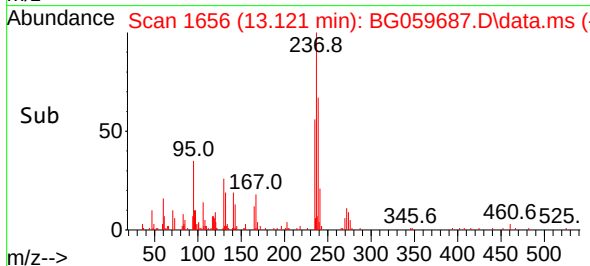
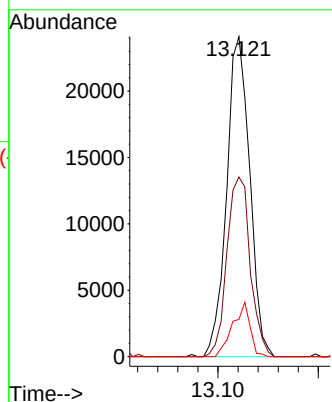
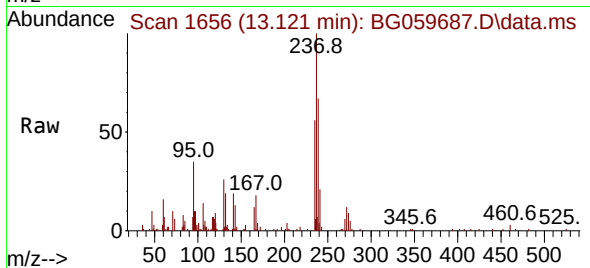
#41
Hexachlorocyclopentadiene
Concen: 20.432 ng
RT: 13.121 min Scan# 1656
Delta R.T. 0.002 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:237 Resp: 38519
Ion Ratio Lower Upper
237 100
235 56.2 44.4 84.4
272 11.7 0.0 33.6

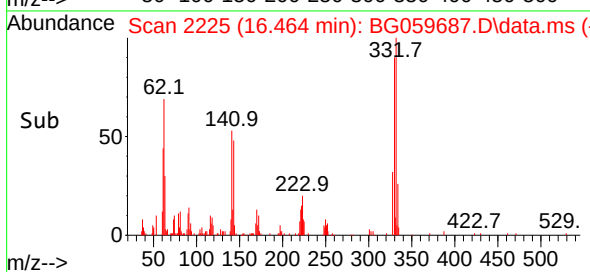
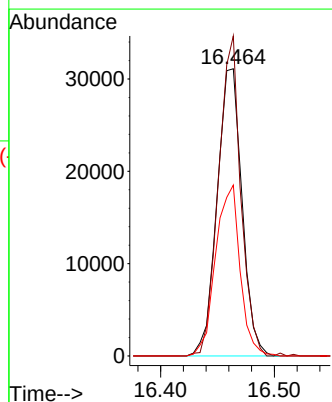
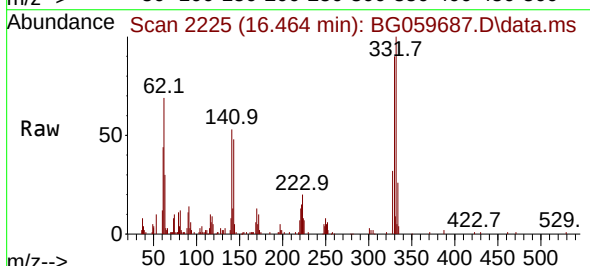
Manual Integrations
APPROVED

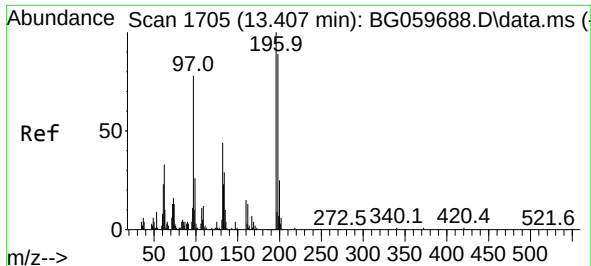
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023



#42
2,4,6-Tribromophenol
Concen: 38.864 ng
RT: 16.464 min Scan# 2225
Delta R.T. 0.002 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

Tgt Ion:330 Resp: 47458
Ion Ratio Lower Upper
330 100
332 99.5 80.7 121.1
141 58.3 51.0 76.6





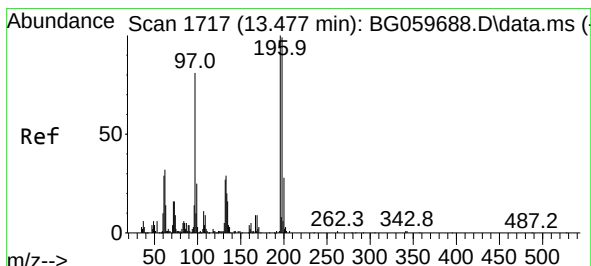
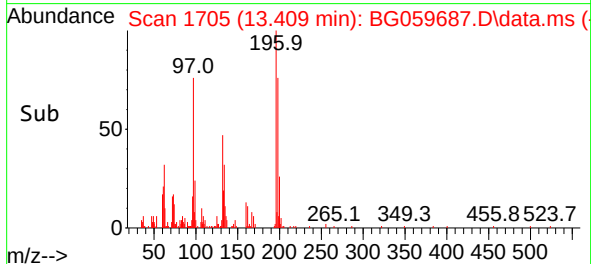
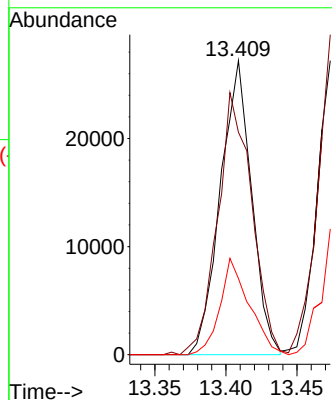
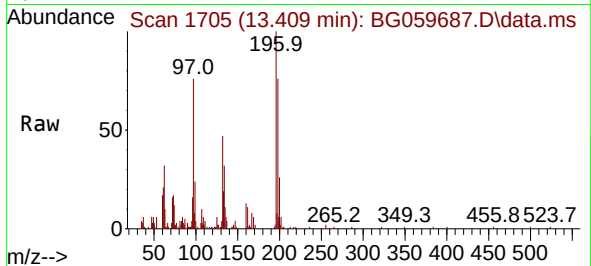
#43
2,4,6-Trichlorophenol
Concen: 20.225 ng
RT: 13.409 min Scan# 1705
Delta R.T. 0.002 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:196 Resp: 4157
Ion Ratio Lower Upper
196 100
198 75.6 71.0 106.6
200 25.9 19.9 29.9

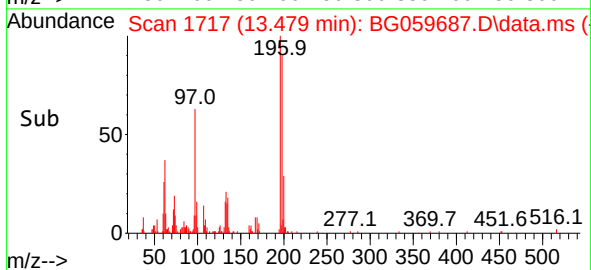
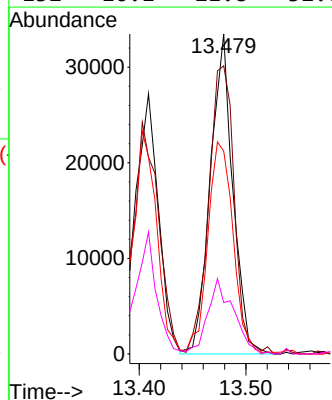
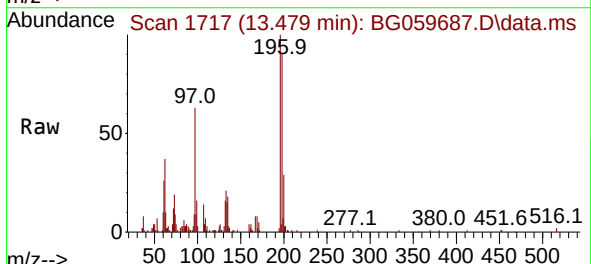
Manual Integrations
APPROVED

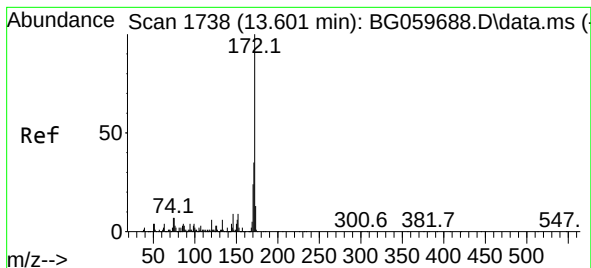
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023



#44
2,4,5-Trichlorophenol
Concen: 20.895 ng
RT: 13.479 min Scan# 1717
Delta R.T. 0.002 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

Tgt Ion:196 Resp: 49200
Ion Ratio Lower Upper
196 100
198 90.0 79.3 118.9
97 63.4 65.0 97.4#
132 16.1 21.8 32.6#





#45
2-Fluorobiphenyl
Concen: 41.924 ng
RT: 13.603 min Scan# 1738
Delta R.T. 0.002 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

Instrument :

BNA_G

ClientSampleId :

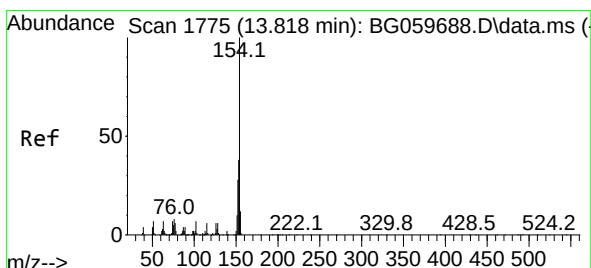
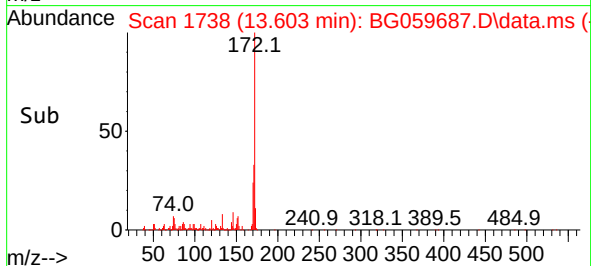
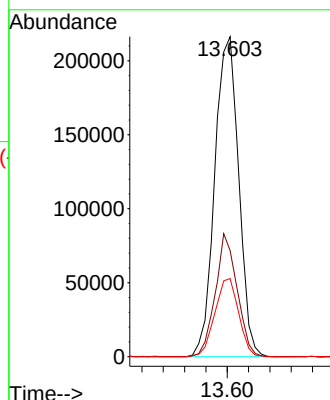
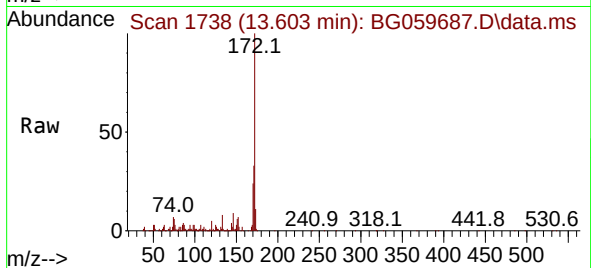
SSTDICC020

Tgt Ion:172 Resp: 336469
Ion Ratio Lower Upper
172 100
171 33.2 27.9 41.9
170 24.4 19.0 28.4

Manual Integrations

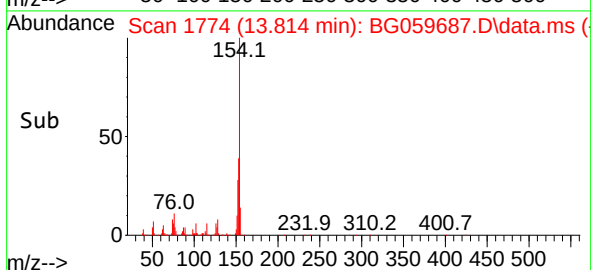
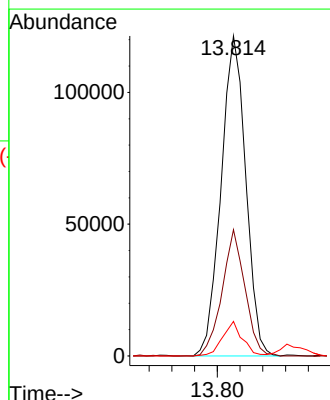
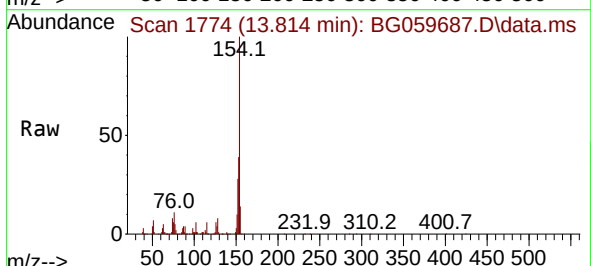
APPROVED

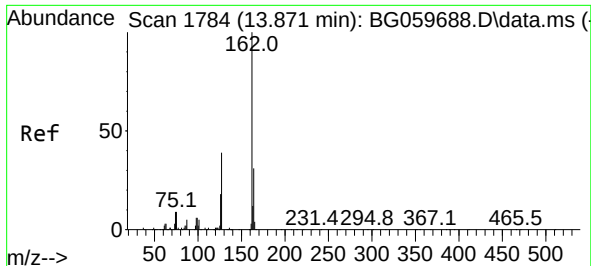
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023



#46
1,1'-Biphenyl
Concen: 21.725 ng
RT: 13.814 min Scan# 1774
Delta R.T. -0.004 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

Tgt Ion:154 Resp: 183007
Ion Ratio Lower Upper
154 100
153 39.5 18.4 58.4
76 10.8 0.0 28.2





#47
2-Chloronaphthalene
Concen: 20.702 ng
RT: 13.867 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

Instrument :

BNA_G

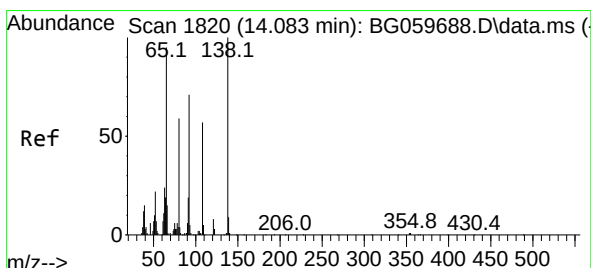
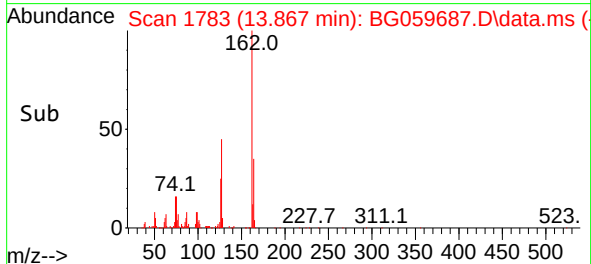
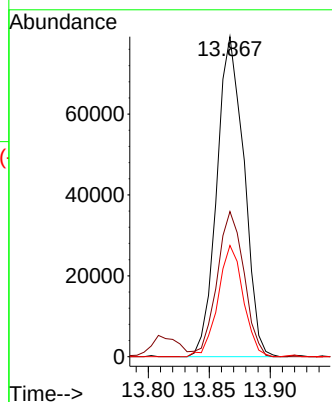
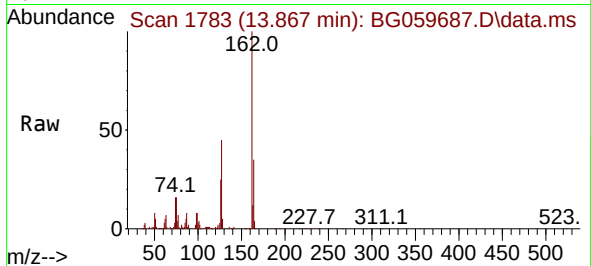
ClientSampleId :

SSTDICC020

Tgt Ion:162 Resp: 122500
Ion Ratio Lower Upper
162 100
127 45.4 33.7 50.5
164 34.8 24.9 37.3

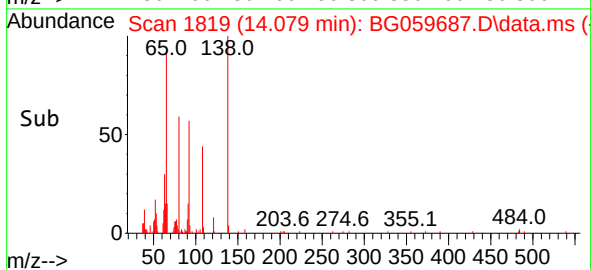
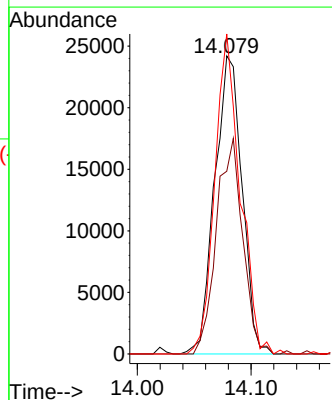
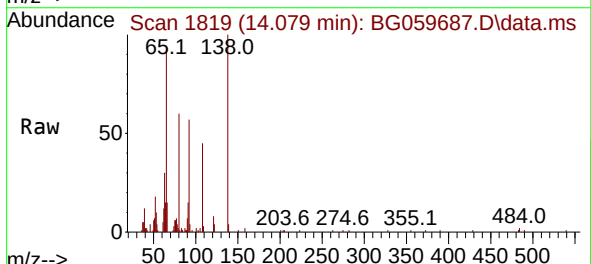
Manual Integrations
APPROVED

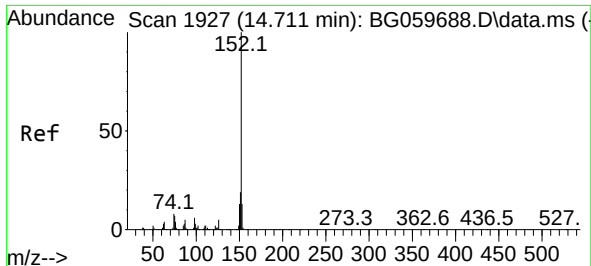
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023



#48
2-Nitroaniline
Concen: 20.146 ng
RT: 14.079 min Scan# 1819
Delta R.T. -0.004 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

Tgt Ion: 65 Resp: 40511
Ion Ratio Lower Upper
65 100
92 61.3 60.2 90.2
138 107.3 84.4 126.6





#49
Acenaphthylene
Concen: 20.270 ng
RT: 14.707 min Scan# 1926
Delta R.T. -0.004 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

Instrument :

BNA_G

ClientSampleId :

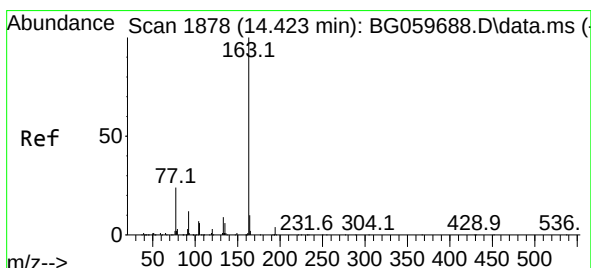
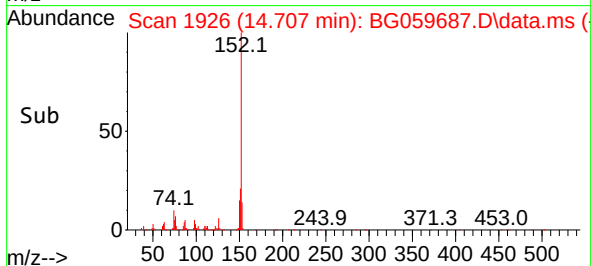
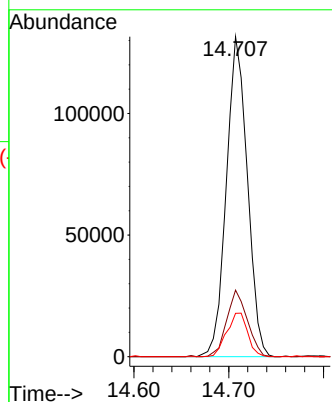
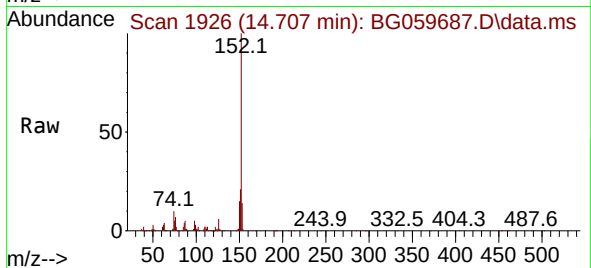
SSTDICC020

Tgt Ion:152 Resp: 20259
Ion Ratio Lower Upper
152 100
151 20.8 15.4 23.2
153 13.6 10.0 15.0

Manual Integrations

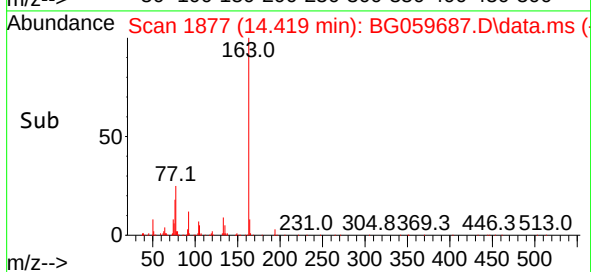
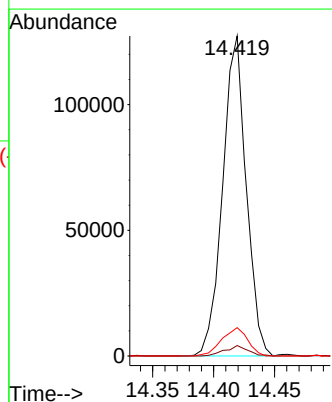
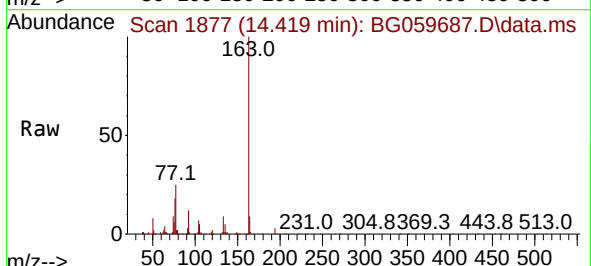
APPROVED

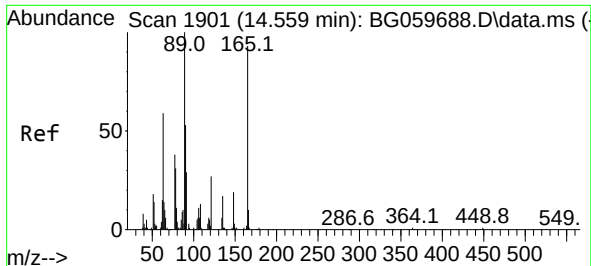
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023



#50
Dimethylphthalate
Concen: 20.752 ng
RT: 14.419 min Scan# 1877
Delta R.T. -0.004 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

Tgt Ion:163 Resp: 171233
Ion Ratio Lower Upper
163 100
194 3.3 3.2 4.8
164 8.9 7.7 11.5





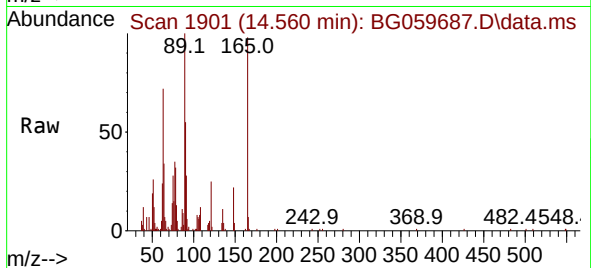
#51
2,6-Dinitrotoluene
Concen: 22.220 ng
RT: 14.560 min Scan# 1901
Delta R.T. 0.002 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

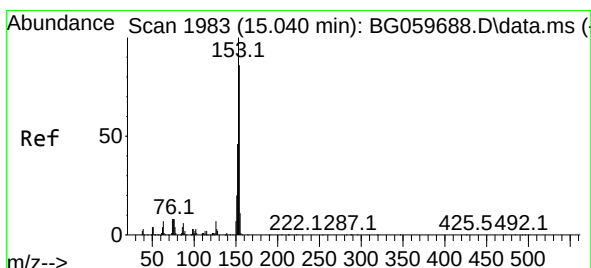
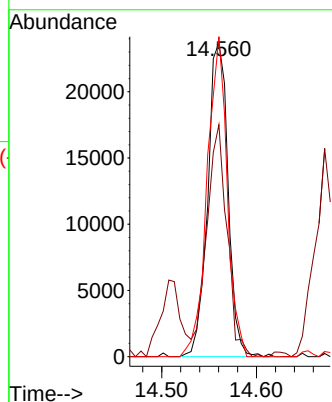
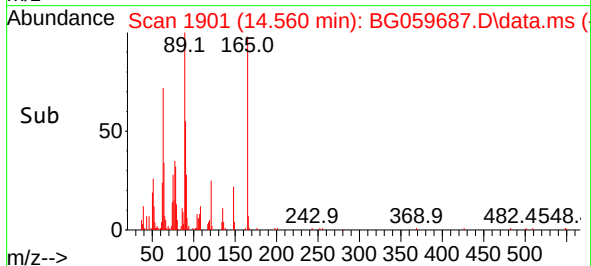


Tgt Ion:165 Resp: 35349
Ion Ratio Lower Upper
165 100
63 73.9 73.6 110.4
89 102.0 87.0 130.6

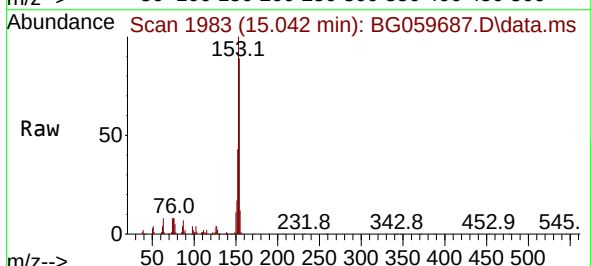
Manual Integrations

APPROVED

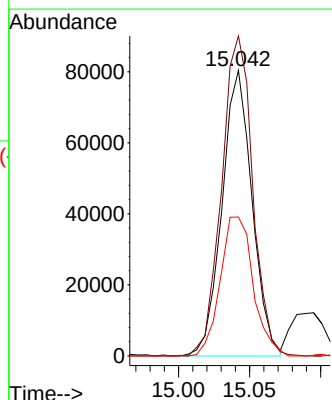
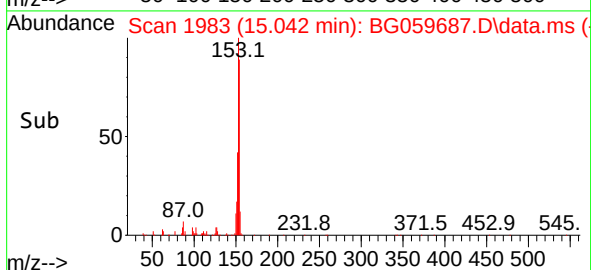
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023

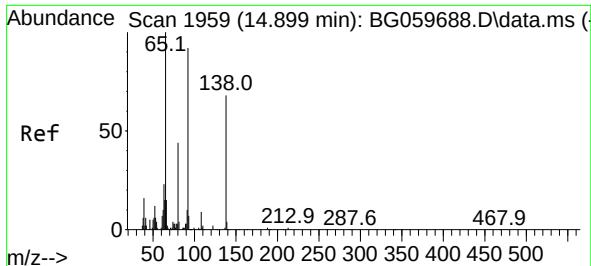


#52
Acenaphthene
Concen: 19.729 ng
RT: 15.042 min Scan# 1983
Delta R.T. 0.002 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43



Tgt Ion:154 Resp: 118255
Ion Ratio Lower Upper
154 100
153 112.1 92.7 139.1
152 48.6 42.7 64.1





#53
3-Nitroaniline
Concen: 19.987 ng
RT: 14.895 min Scan# 1959
Delta R.T. -0.004 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

Instrument :

BNA_G

ClientSampleId :

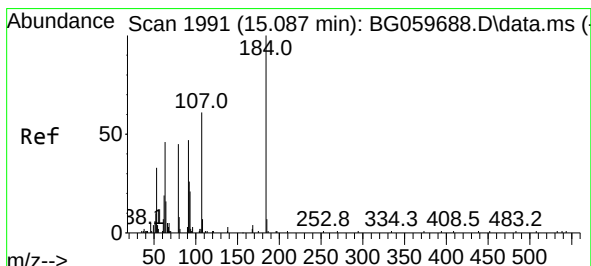
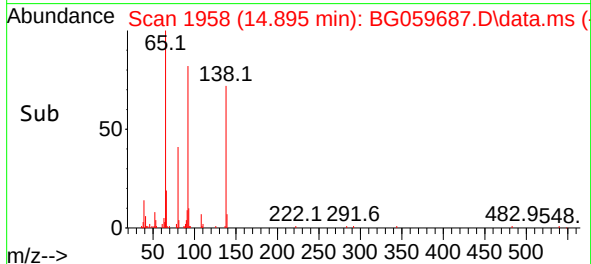
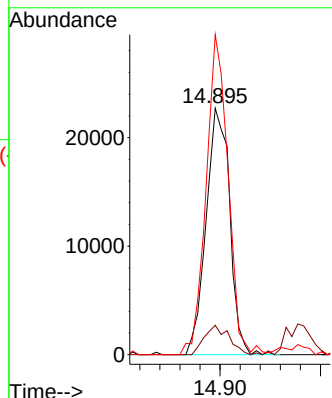
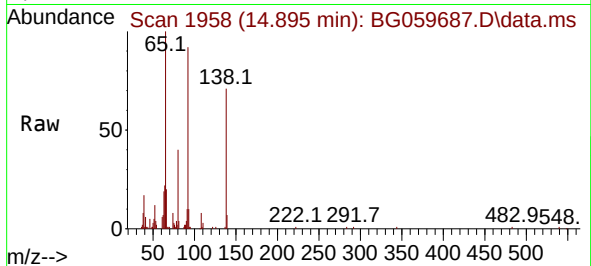
SSTDICC020

Tgt Ion:138 Resp: 37132
Ion Ratio Lower Upper
138 100
108 11.9 10.3 15.5
92 129.9 108.6 163.0

Manual Integrations

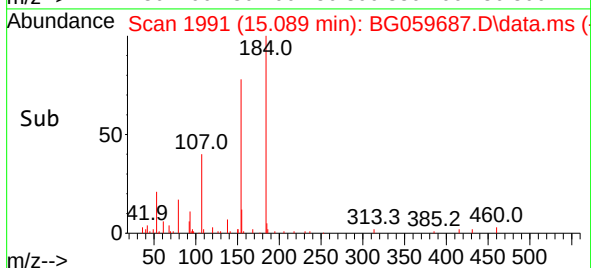
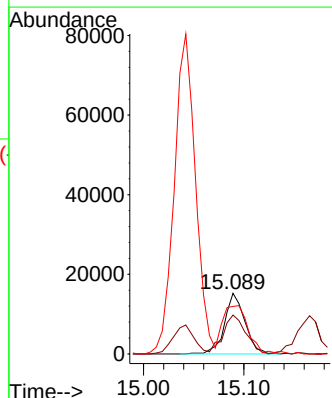
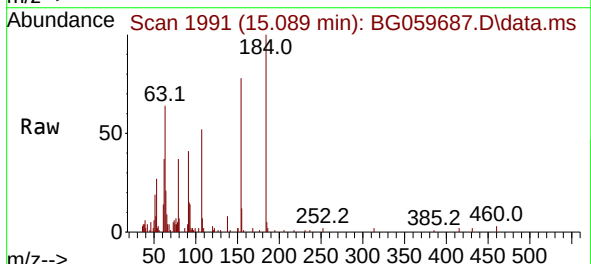
APPROVED

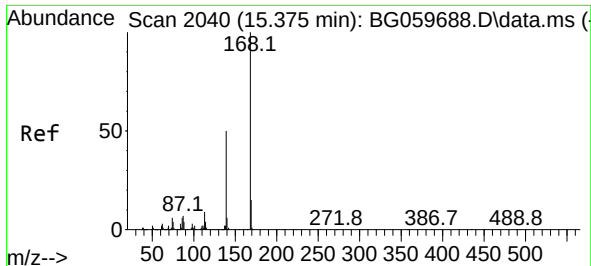
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023



#54
2,4-Dinitrophenol
Concen: 19.918 ng
RT: 15.089 min Scan# 1991
Delta R.T. 0.002 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

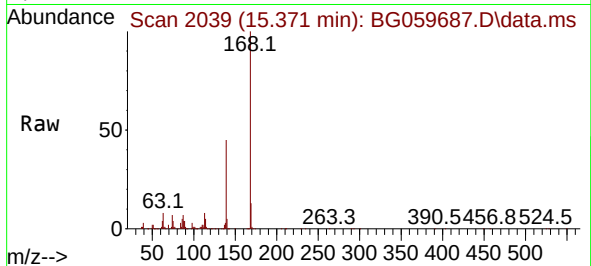
Tgt Ion:184 Resp: 21298
Ion Ratio Lower Upper
184 100
63 64.1 58.5 87.7
154 78.4 85.4 128.0#





#55
Dibenzenofuran
Concen: 20.884 ng
RT: 15.371 min Scan# 2040
Delta R.T. -0.004 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

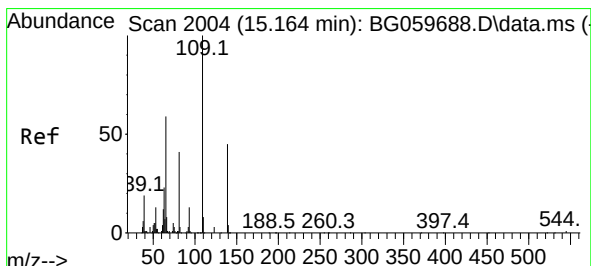
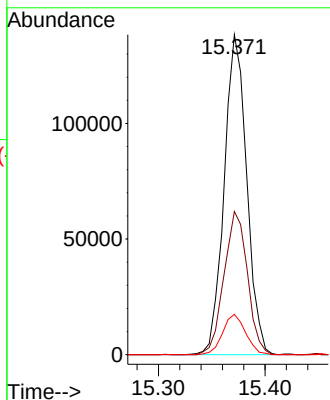
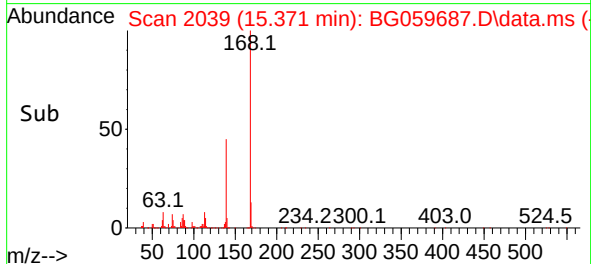
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



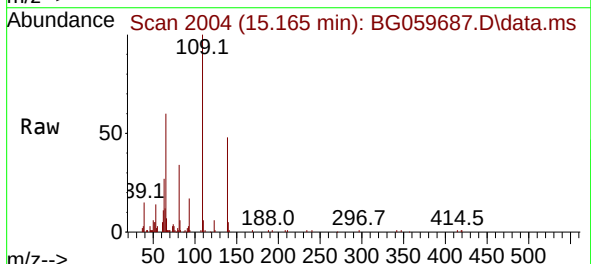
Tgt Ion:168 Resp: 203330
Ion Ratio Lower Upper
168 100
139 44.7 39.9 59.9
169 12.6 11.7 17.5

Manual Integrations
APPROVED

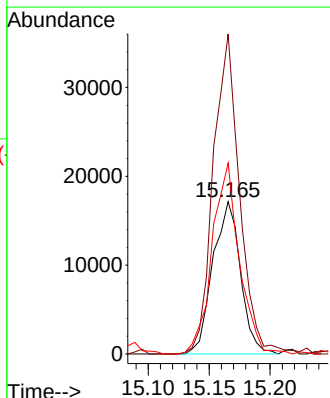
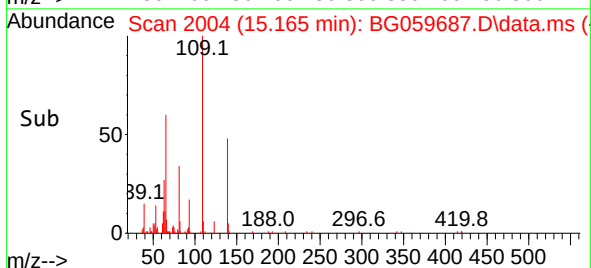
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023

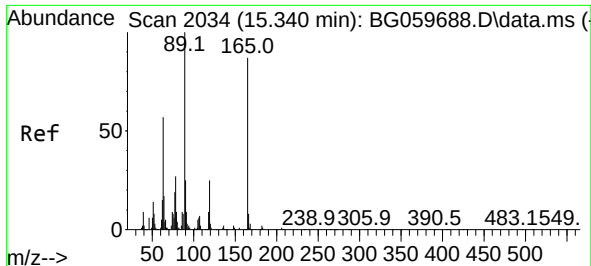


#56
4-Nitrophenol
Concen: 19.185 ng
RT: 15.165 min Scan# 2004
Delta R.T. 0.002 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43



Tgt Ion:139 Resp: 27028
Ion Ratio Lower Upper
139 100
109 210.1 204.7 244.7
65 125.3 112.1 152.1





#57

2,4-Dinitrotoluene

Concen: 19.951 ng

RT: 15.336 min Scan# 2034

Delta R.T. -0.004 min

Lab File: BG059687.D

Acq: 14 Nov 2023 18:43

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion:165 Resp: 4665

Ion Ratio Lower Upper

165 100

63 56.6 52.2 78.2

89 104.3 91.8 137.6

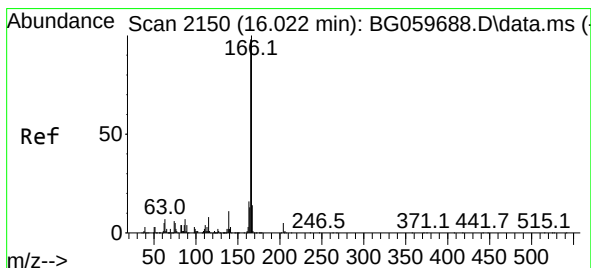
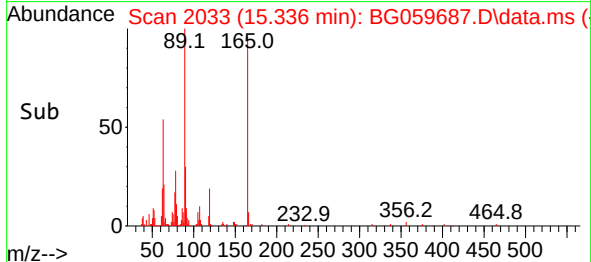
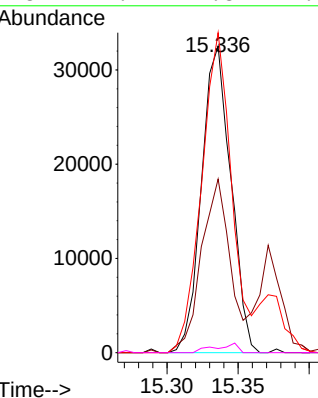
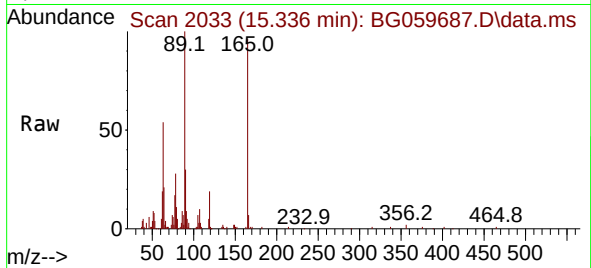
182 1.4 1.8 2.6#

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/16/2023

Supervised By :mohammad ahmed 11/17/2023



#58

Fluorene

Concen: 20.644 ng

RT: 16.017 min Scan# 2149

Delta R.T. -0.004 min

Lab File: BG059687.D

Acq: 14 Nov 2023 18:43

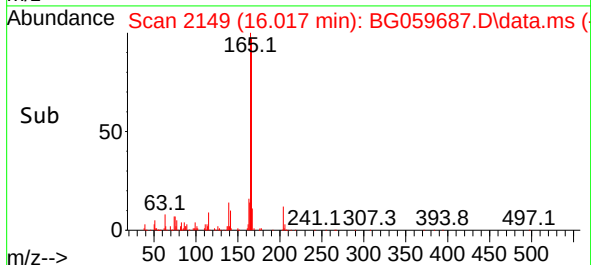
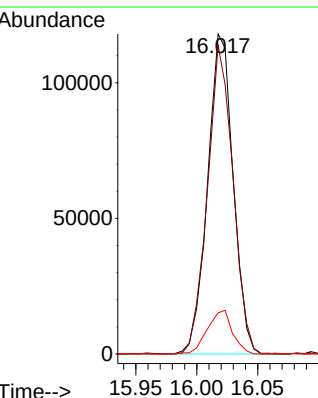
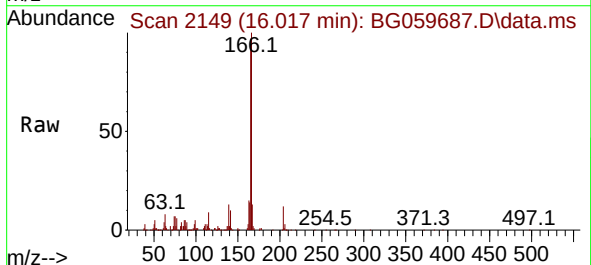
Tgt Ion:166 Resp: 172399

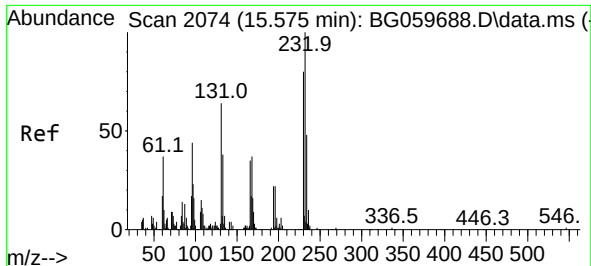
Ion Ratio Lower Upper

166 100

165 96.6 78.2 117.2

167 12.9 11.3 16.9





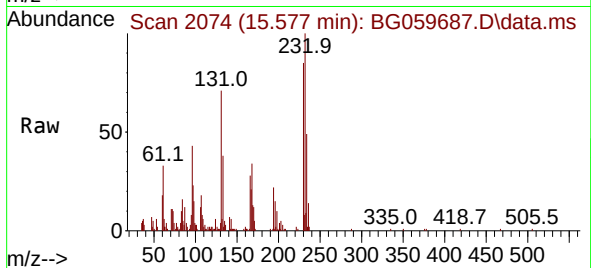
#59
2,3,4,6-Tetrachlorophenol
Concen: 18.859 ng
RT: 15.577 min Scan# 2074
Delta R.T. 0.002 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

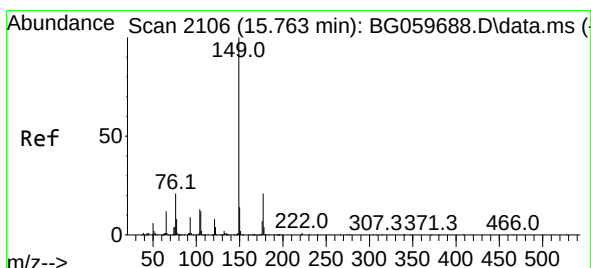
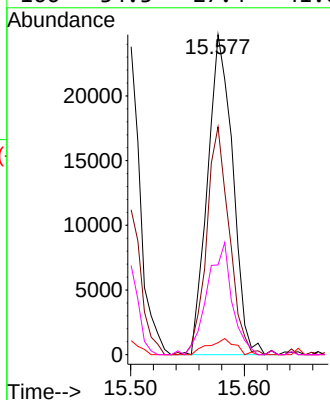
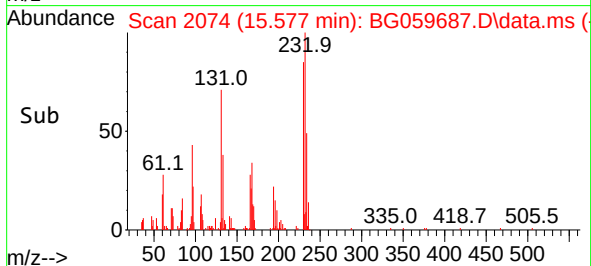


Tgt Ion:232 Resp: 38204
Ion Ratio Lower Upper
232 100
131 63.7 49.5 74.3
130 5.3 3.4 5.2
166 34.3 27.4 41.0

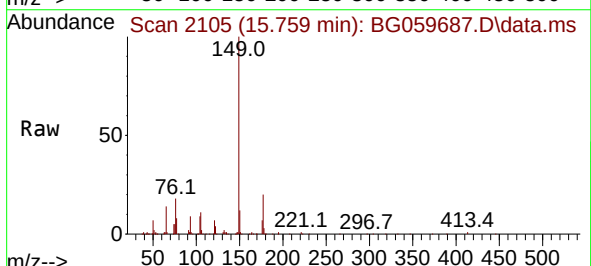
Manual Integrations

APPROVED

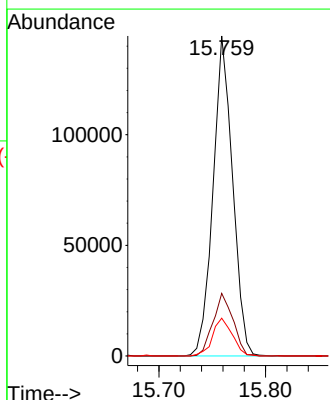
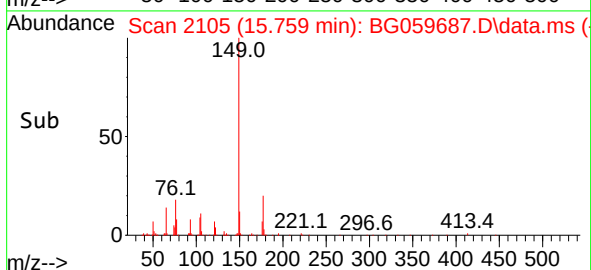
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023

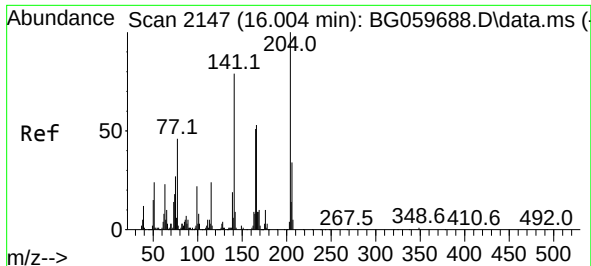


#60
Diethylphthalate
Concen: 20.675 ng
RT: 15.759 min Scan# 2105
Delta R.T. -0.004 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43



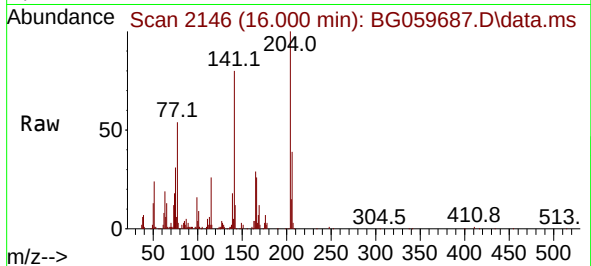
Tgt Ion:149 Resp: 183840
Ion Ratio Lower Upper
149 100
177 19.6 16.5 24.7
150 11.8 10.9 16.3





#61
4-Chlorophenyl-phenylether
Concen: 20.534 ng
RT: 16.000 min Scan# 2146
Delta R.T. -0.004 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

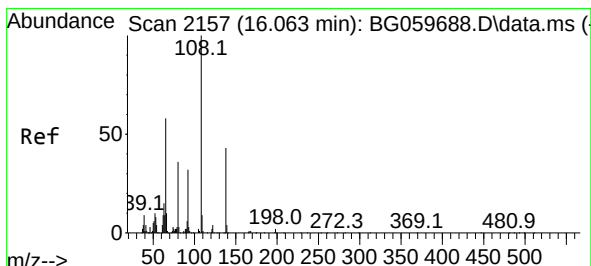
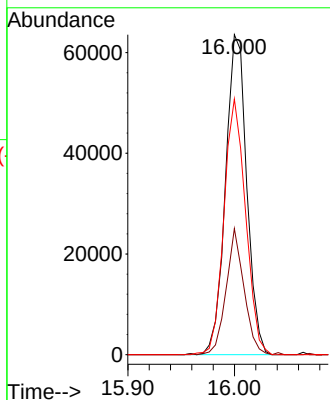
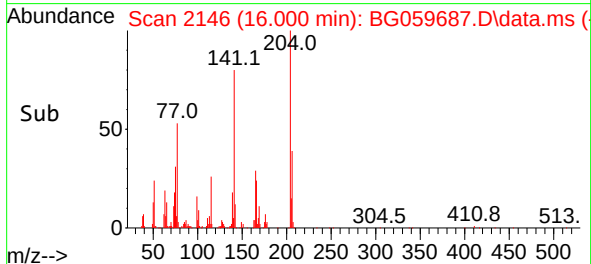
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:204 Resp: 8782
Ion Ratio Lower Upper
204 100
206 39.4 27.5 41.3
141 79.9 63.5 95.3

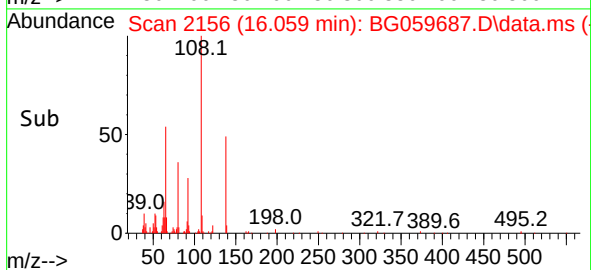
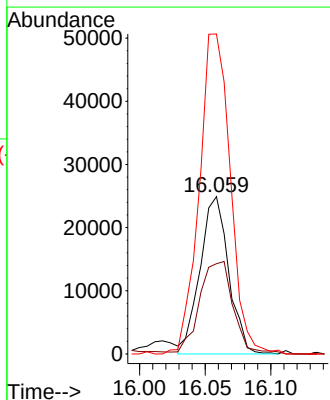
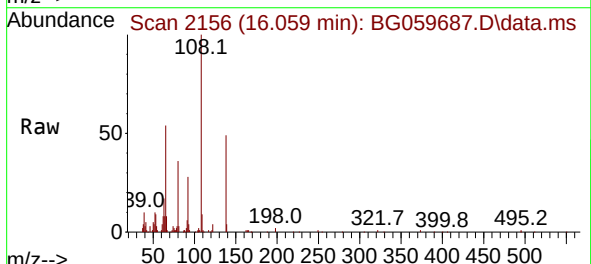
Manual Integrations
APPROVED

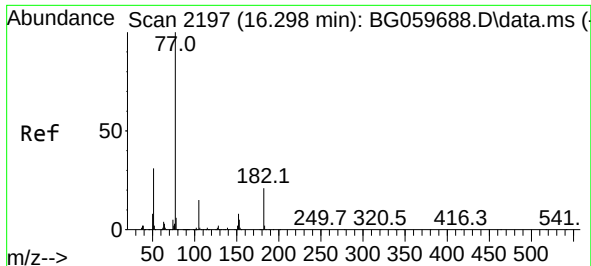
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023



#62
4-Nitroaniline
Concen: 19.989 ng
RT: 16.059 min Scan# 2156
Delta R.T. -0.004 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

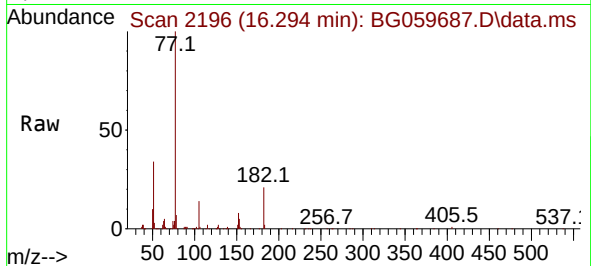
Tgt Ion:138 Resp: 37898
Ion Ratio Lower Upper
138 100
92 57.4 53.9 93.9
108 203.5 213.3 253.3#





#63
Azobenzene
Concen: 20.175 ng
RT: 16.294 min Scan# 2197
Delta R.T. -0.004 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

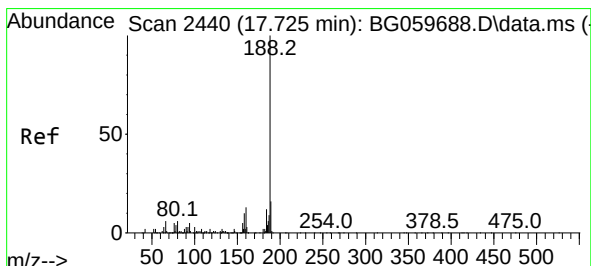
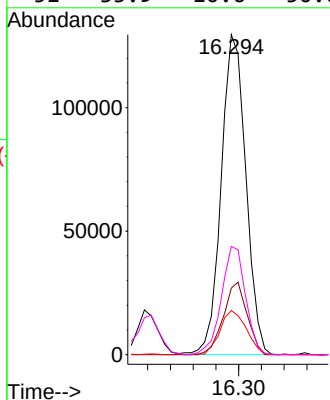
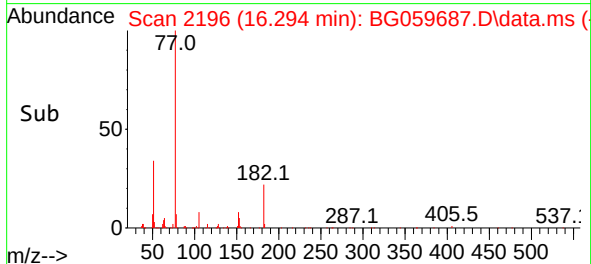
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion: 77 Resp: 195138
Ion Ratio Lower Upper
77 100
182 20.8 1.4 41.4
105 13.8 0.0 34.7
51 33.9 10.6 50.6

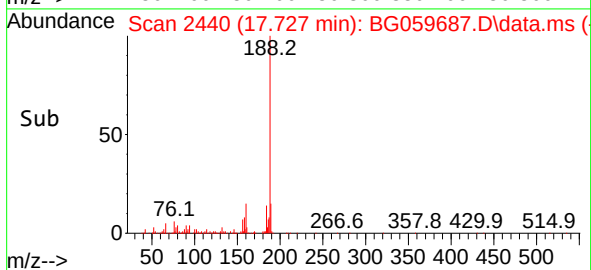
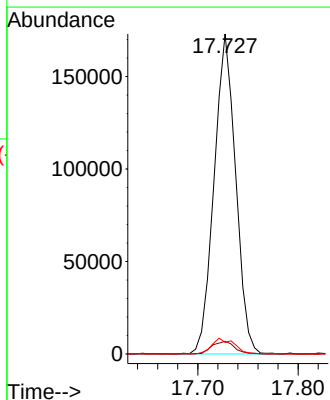
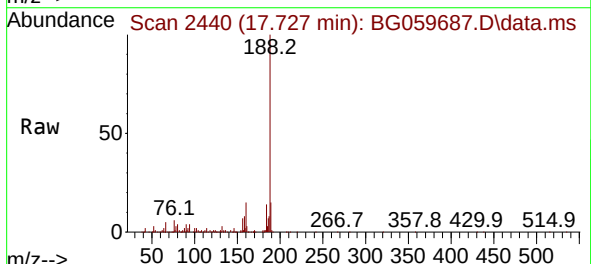
Manual Integrations
APPROVED

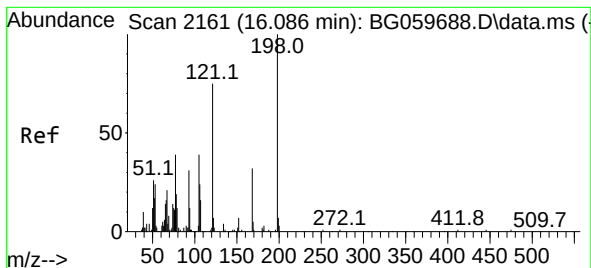
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.727 min Scan# 2440
Delta R.T. 0.002 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

Tgt Ion:188 Resp: 258106
Ion Ratio Lower Upper
188 100
94 4.0 3.9 5.9
80 3.6 4.5 6.7#





#65
4,6-Dinitro-2-methylphenol
Concen: 20.824 ng
RT: 16.082 min Scan# 2161
Delta R.T. -0.004 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

Instrument :

BNA_G

ClientSampleId :

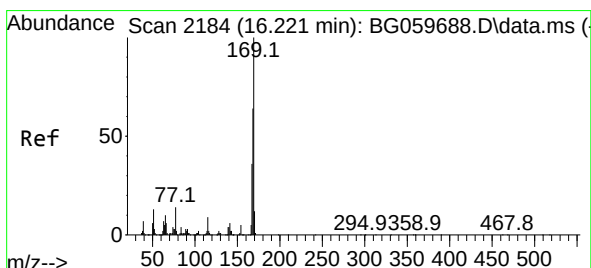
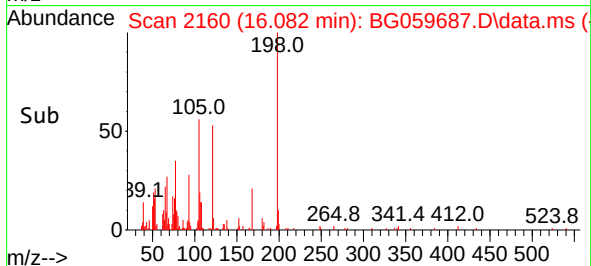
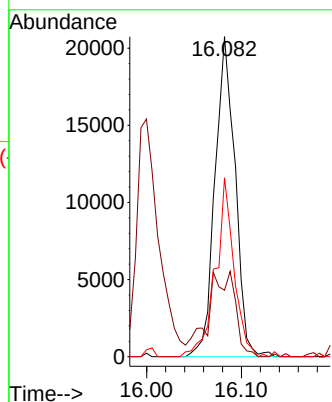
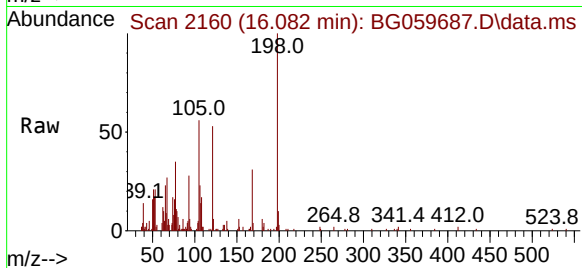
SSTDICC020

Tgt Ion:198 Resp: 3062
Ion Ratio Lower Upper
198 100
51 20.8 8.2 48.2
105 55.9 19.3 59.3

Manual Integrations

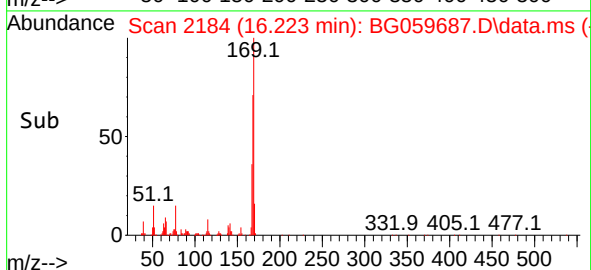
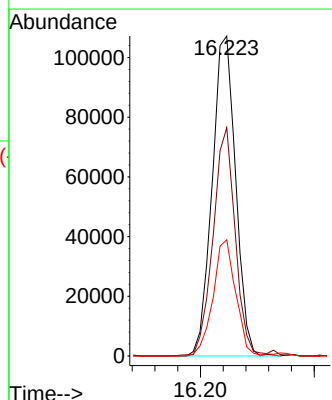
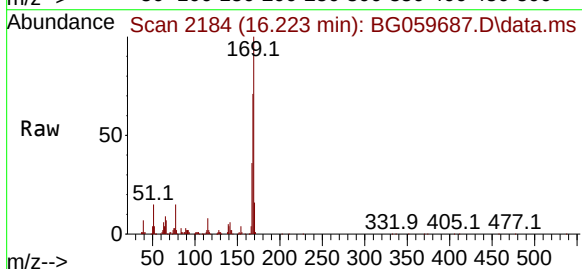
APPROVED

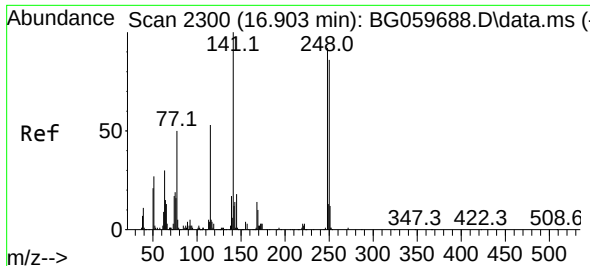
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023



#66
n-Nitrosodiphenylamine
Concen: 20.363 ng
RT: 16.223 min Scan# 2184
Delta R.T. 0.002 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

Tgt Ion:169 Resp: 153680
Ion Ratio Lower Upper
169 100
168 71.3 51.4 77.2
167 36.3 28.6 42.8





#67
4-Bromophenyl-phenylether
Concen: 20.547 ng
RT: 16.899 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

Instrument :

BNA_G

ClientSampleId :

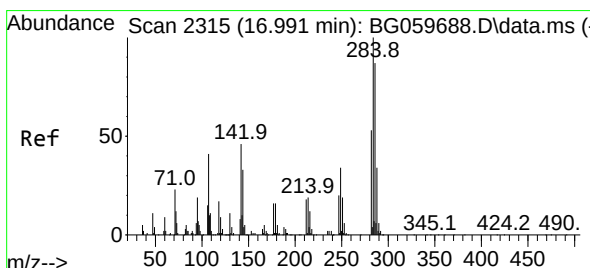
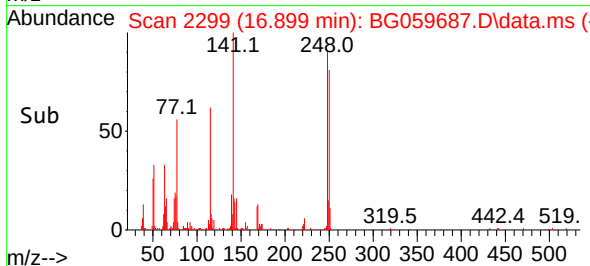
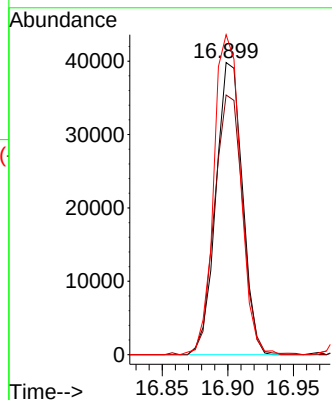
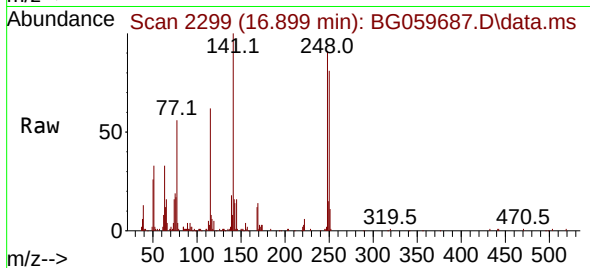
SSTDICC020

Tgt Ion:248 Resp: 55792
Ion Ratio Lower Upper
248 100
250 88.9 74.5 111.7
141 109.5 86.6 129.8

Manual Integrations

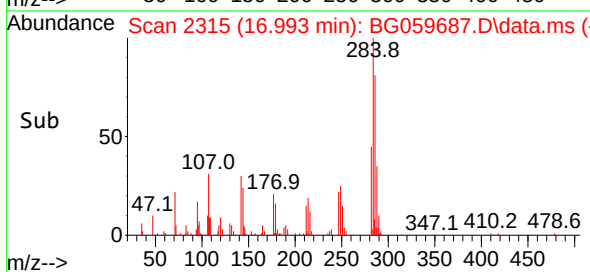
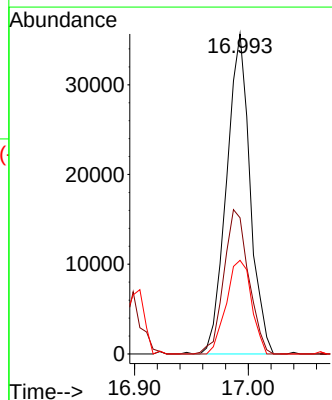
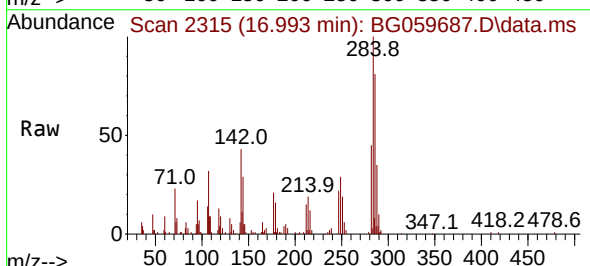
APPROVED

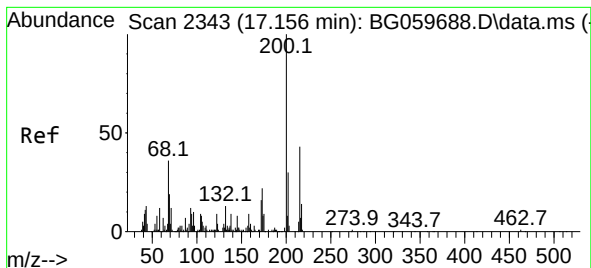
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023



#68
Hexachlorobenzene
Concen: 20.126 ng
RT: 16.993 min Scan# 2315
Delta R.T. 0.002 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

Tgt Ion:284 Resp: 51278
Ion Ratio Lower Upper
284 100
142 42.5 36.5 54.7
249 29.2 27.5 41.3





#69

Atrazine

Concen: 22.423 ng

RT: 17.151 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG059687.D

Acq: 14 Nov 2023 18:43

Instrument :

BNA_G

ClientSampleId :

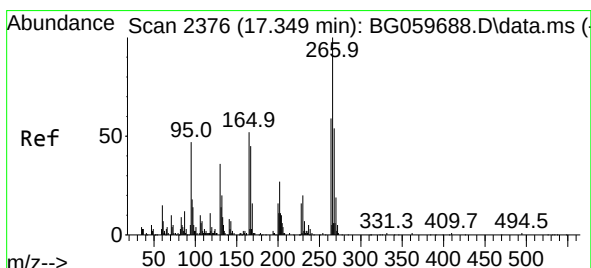
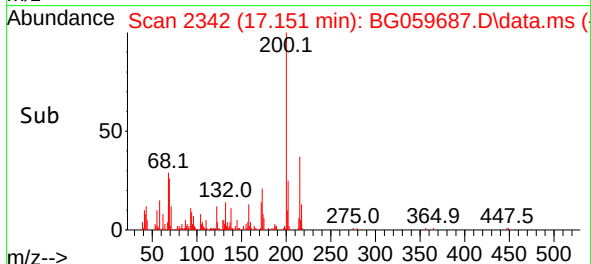
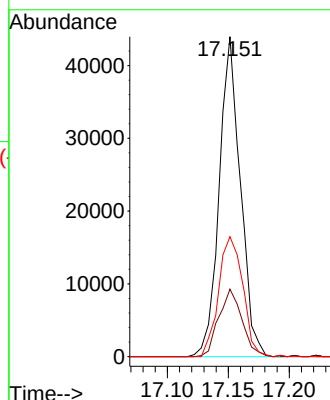
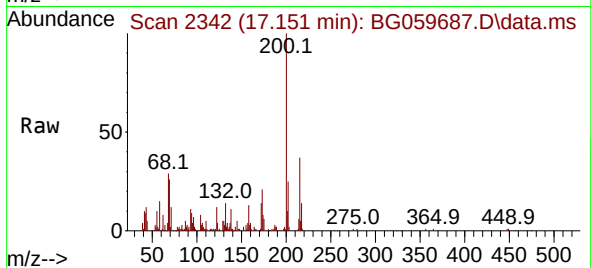
SSTDICC020

Tgt Ion:200 Resp: 53120
 Ion Ratio Lower Upper
 200 100
 173 21.1 2.0 42.0
 215 37.5 22.8 62.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/16/2023
 Supervised By :mohammad ahmed 11/17/2023



#70

Pentachlorophenol

Concen: 19.594 ng

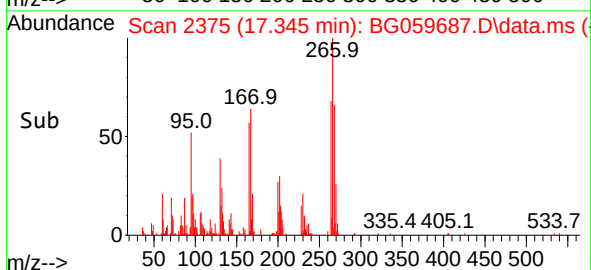
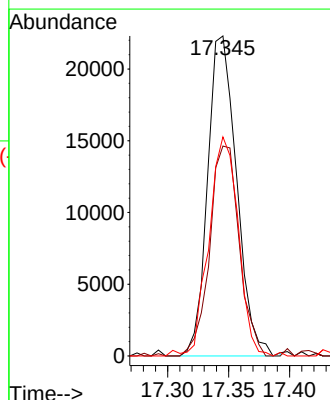
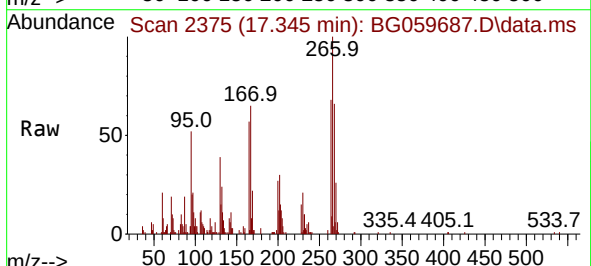
RT: 17.345 min Scan# 2375

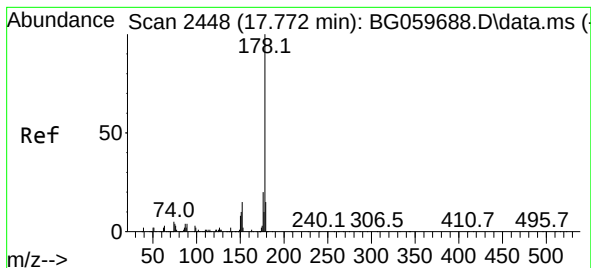
Delta R.T. -0.004 min

Lab File: BG059687.D

Acq: 14 Nov 2023 18:43

Tgt Ion:266 Resp: 36983
 Ion Ratio Lower Upper
 266 100
 268 65.6 43.4 65.2#
 264 68.4 47.3 70.9





#71

Phenanthrene

Concen: 20.387 ng

RT: 17.768 min Scan# 2448

Delta R.T. -0.004 min

Lab File: BG059687.D

Acq: 14 Nov 2023 18:43

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion:178 Resp: 27288

Ion Ratio Lower Upper

178 100

176 18.0 16.2 24.4

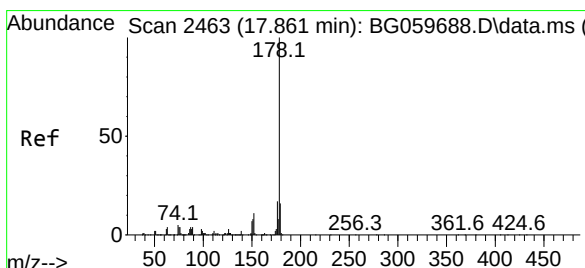
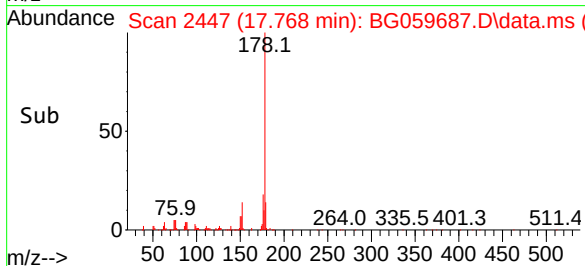
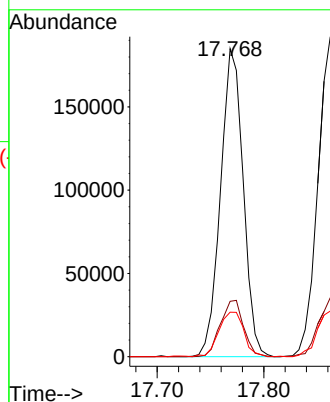
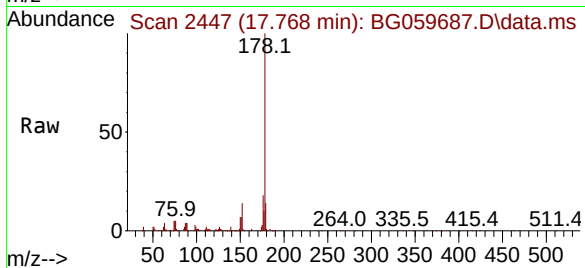
179 14.4 12.2 18.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/16/2023

Supervised By :mohammad ahmed 11/17/2023



#72

Anthracene

Concen: 20.693 ng

RT: 17.862 min Scan# 2463

Delta R.T. 0.002 min

Lab File: BG059687.D

Acq: 14 Nov 2023 18:43

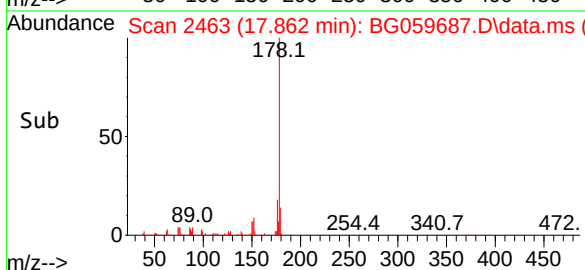
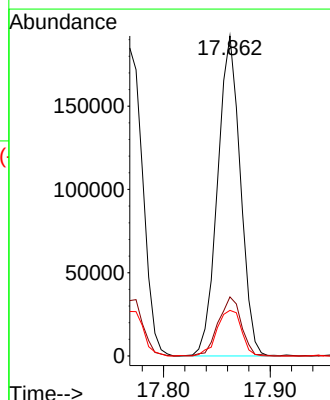
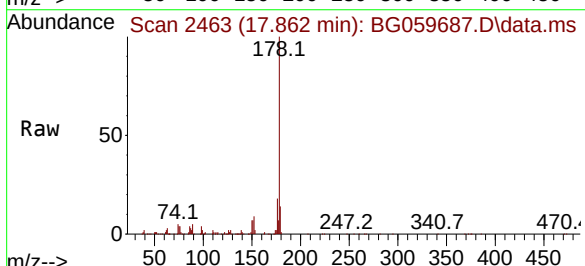
Tgt Ion:178 Resp: 285059

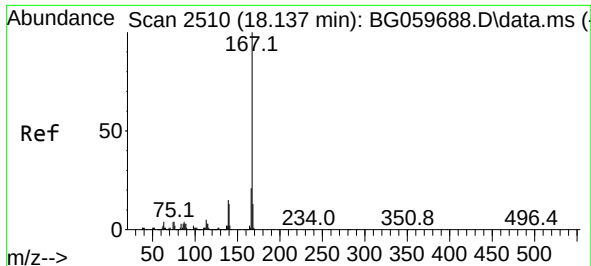
Ion Ratio Lower Upper

178 100

176 18.5 13.9 20.9

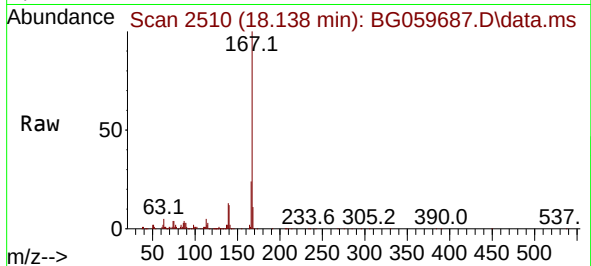
179 14.2 13.0 19.6





#73
 Carbazole
 Concen: 21.070 ng
 RT: 18.138 min Scan# 2510
 Delta R.T. 0.002 min
 Lab File: BG059687.D
 Acq: 14 Nov 2023 18:43

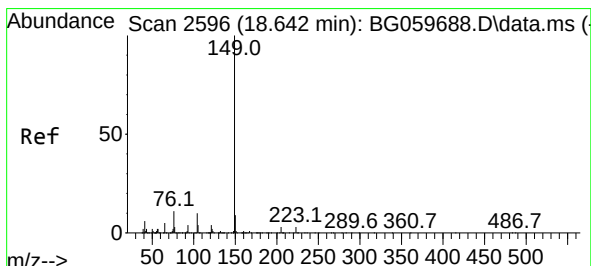
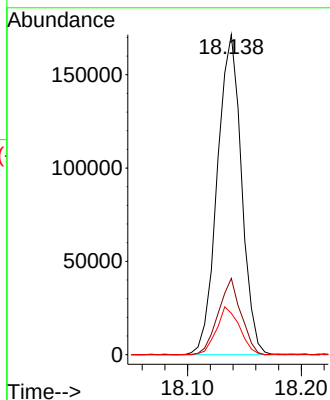
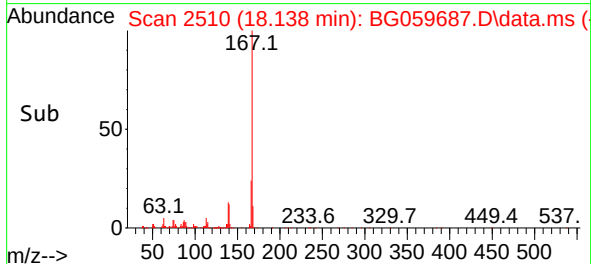
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC020



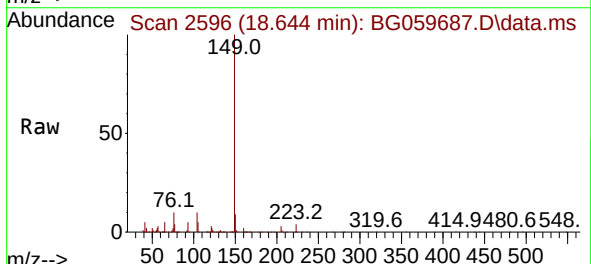
Tgt Ion:167 Resp: 25411
 Ion Ratio Lower Upper
 167 100
 166 23.9 17.0 25.6
 139 13.0 12.2 18.2

Manual Integrations
 APPROVED

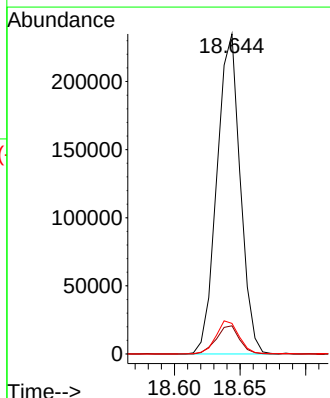
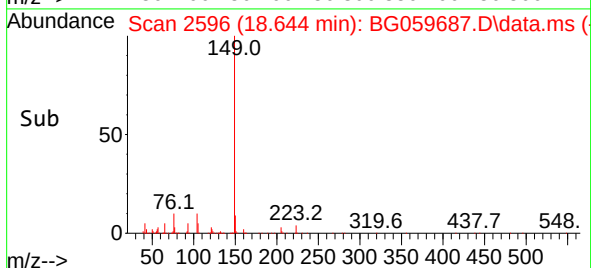
Reviewed By :Yogesh Patel 11/16/2023
 Supervised By :mohammad ahmed 11/17/2023

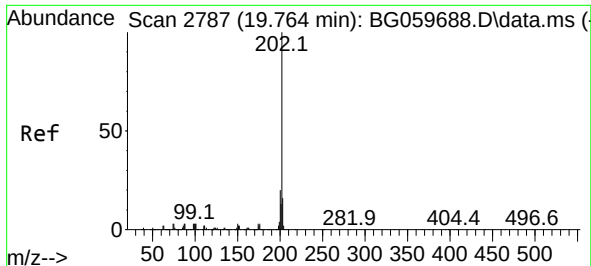


#74
 Di-n-butylphthalate
 Concen: 20.701 ng
 RT: 18.644 min Scan# 2596
 Delta R.T. 0.002 min
 Lab File: BG059687.D
 Acq: 14 Nov 2023 18:43



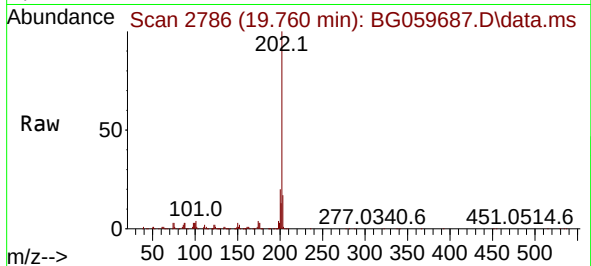
Tgt Ion:149 Resp: 289824
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.5 11.3
 104 9.5 8.2 12.2





#75
Fluoranthene
Concen: 20.791 ng
RT: 19.760 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

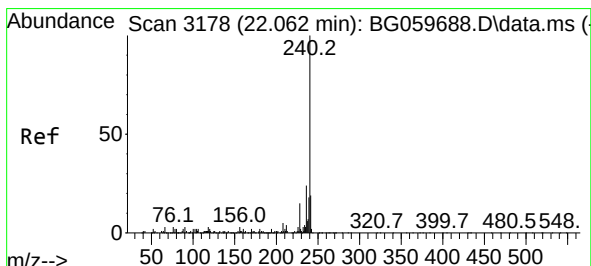
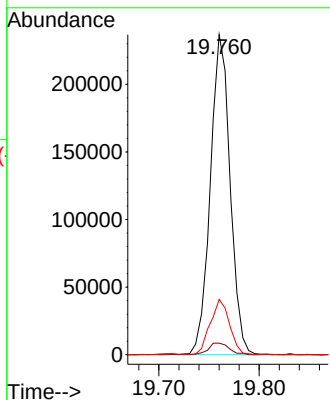
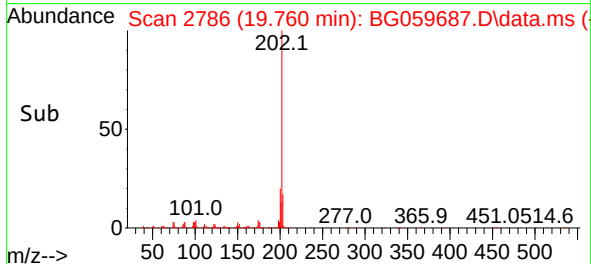
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



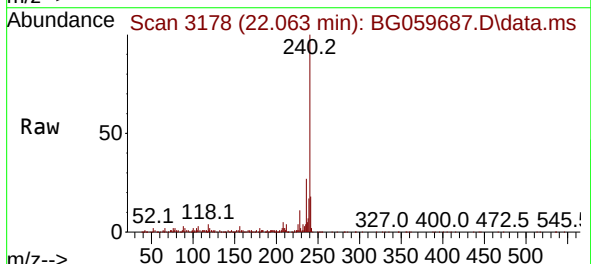
Tgt Ion:202 Resp: 324159
Ion Ratio Lower Upper
202 100
101 3.6 0.0 22.6
203 17.3 0.0 35.8

Manual Integrations
APPROVED

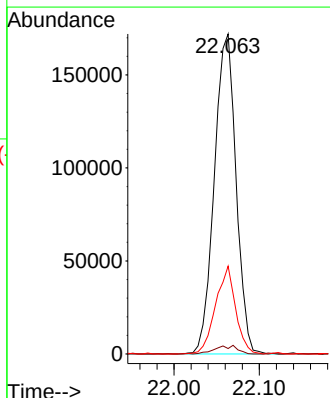
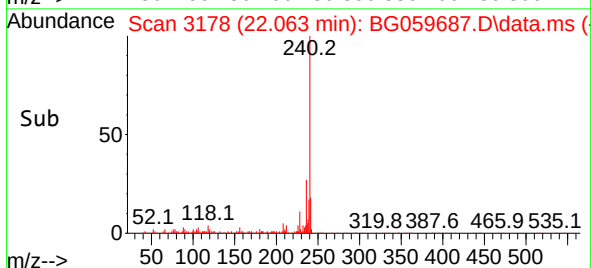
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023

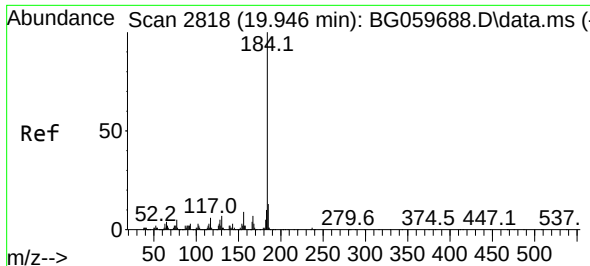


#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.063 min Scan# 3178
Delta R.T. 0.002 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43



Tgt Ion:240 Resp: 304769
Ion Ratio Lower Upper
240 100
120 1.7 2.6 3.8#
236 27.5 19.4 29.0





#77
Benzidine
Concen: 20.593 ng
RT: 19.948 min Scan# 2818
Delta R.T. 0.002 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

Instrument :

BNA_G

ClientSampleId :

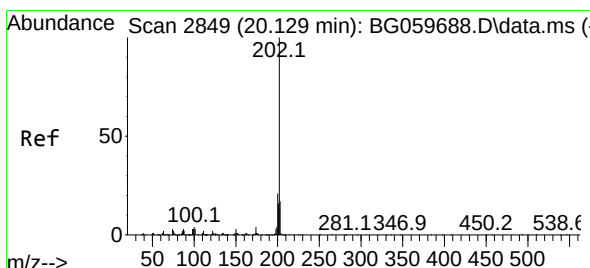
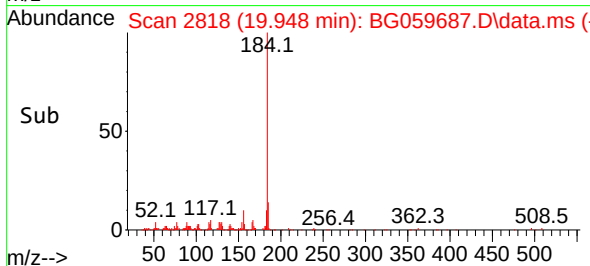
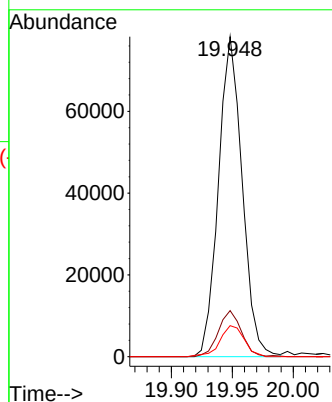
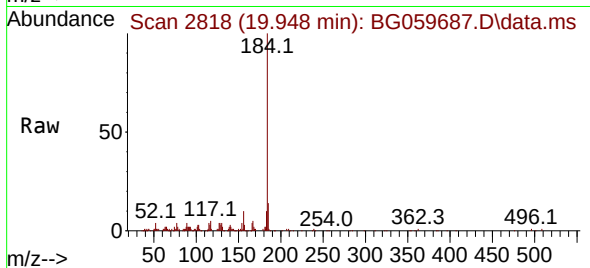
SSTDICC020

Tgt Ion:184 Resp: 106049
Ion Ratio Lower Upper
184 100
185 14.4 10.7 16.1
183 9.7 7.8 11.6

Manual Integrations

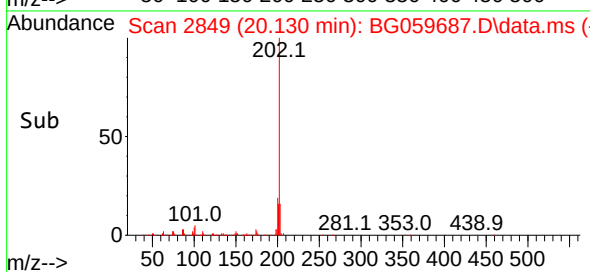
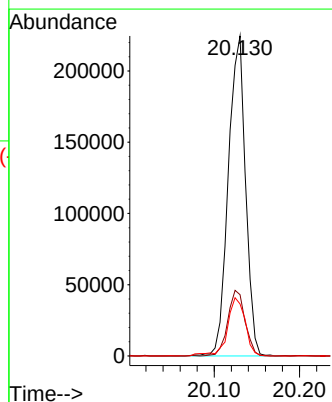
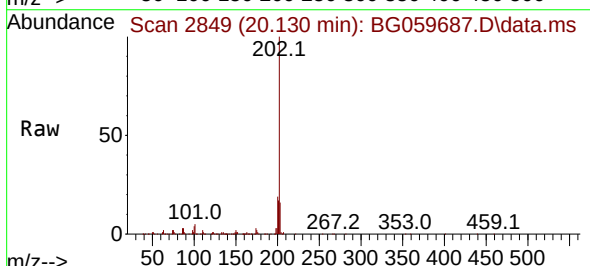
APPROVED

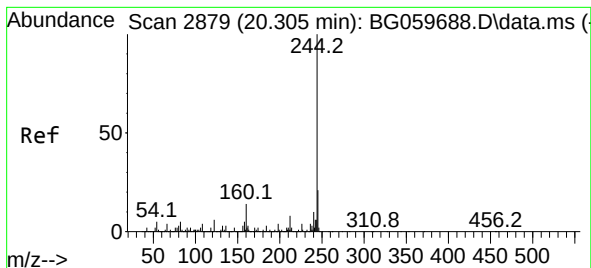
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023



#78
Pyrene
Concen: 22.638 ng
RT: 20.130 min Scan# 2849
Delta R.T. 0.001 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

Tgt Ion:202 Resp: 316070
Ion Ratio Lower Upper
202 100
200 19.2 16.7 25.1
203 16.3 13.5 20.3





#79

Terphenyl-d14

Concen: 39.726 ng

RT: 20.301 min Scan# 2879

Delta R.T. -0.004 min

Lab File: BG059687.D

Acq: 14 Nov 2023 18:43

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

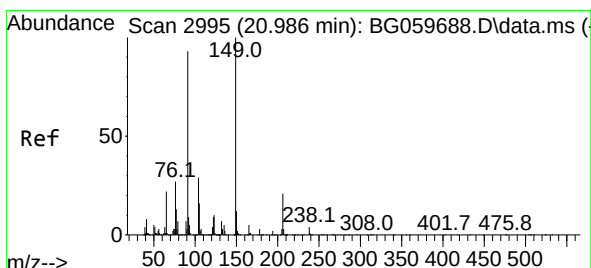
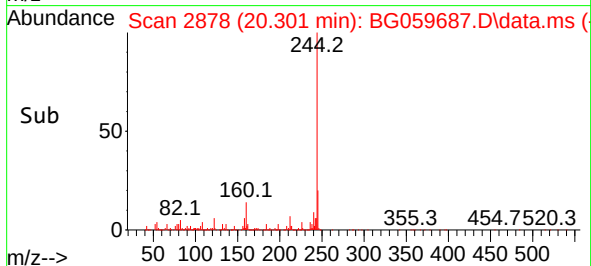
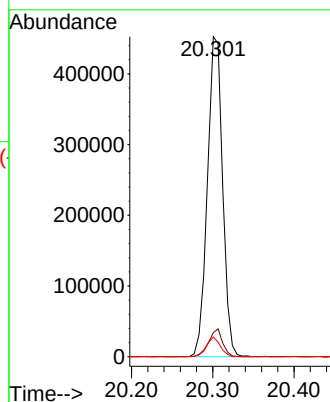
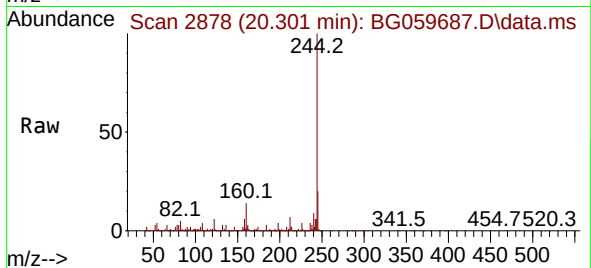
Tgt Ion:244 Resp: 58682
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.6 9.8
 122 6.2 4.6 6.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/16/2023

Supervised By :mohammad ahmed 11/17/2023



#80

Butylbenzylphthalate

Concen: 22.190 ng

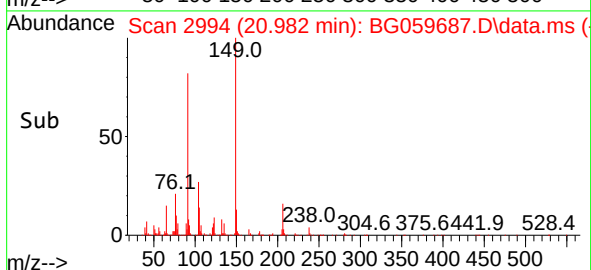
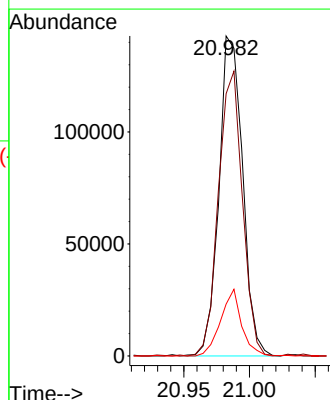
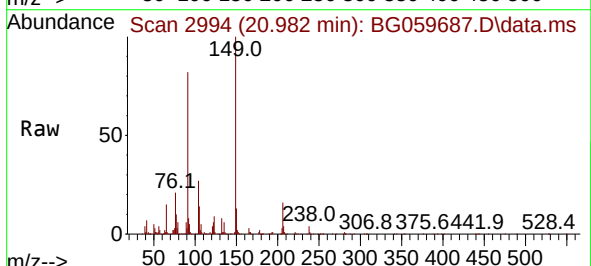
RT: 20.982 min Scan# 2994

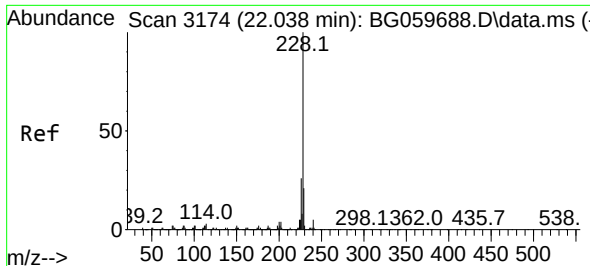
Delta R.T. -0.004 min

Lab File: BG059687.D

Acq: 14 Nov 2023 18:43

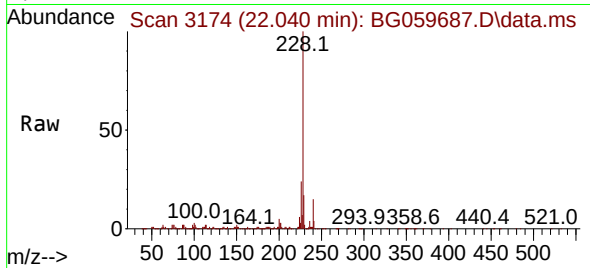
Tgt Ion:149 Resp: 179108
 Ion Ratio Lower Upper
 149 100
 91 82.0 74.4 111.6
 206 16.2 16.5 24.7#





#81
Benzo(a)anthracene
Concen: 20.594 ng
RT: 22.040 min Scan# 3174
Delta R.T. 0.002 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

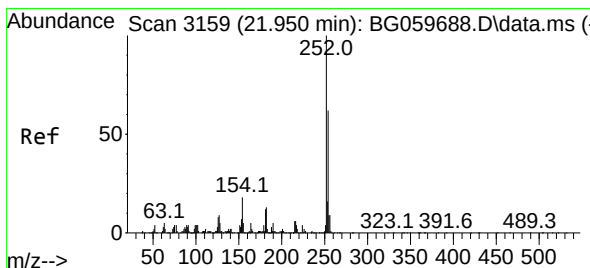
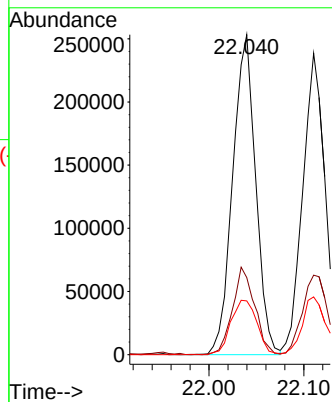
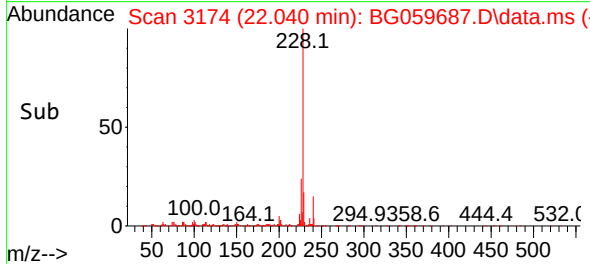
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:228 Resp: 427980
Ion Ratio Lower Upper
228 100
226 24.1 20.4 30.6
229 16.8 16.6 24.8

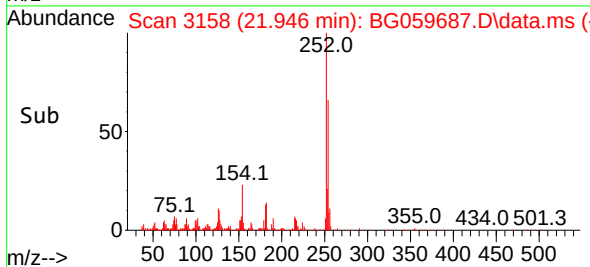
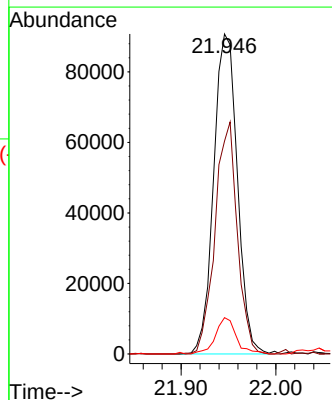
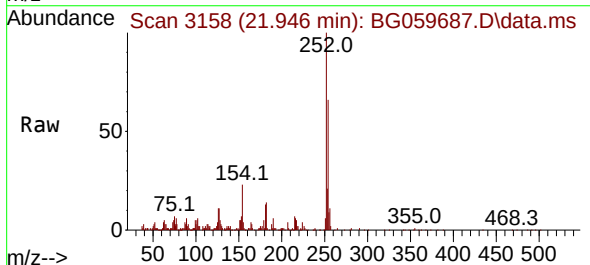
Manual Integrations
APPROVED

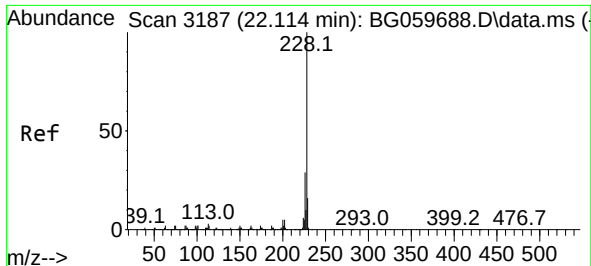
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023



#82
3,3'-Dichlorobenzidine
Concen: 20.731 ng
RT: 21.946 min Scan# 3158
Delta R.T. -0.004 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

Tgt Ion:252 Resp: 157750
Ion Ratio Lower Upper
252 100
254 66.5 49.8 74.8
126 11.4 6.6 9.8





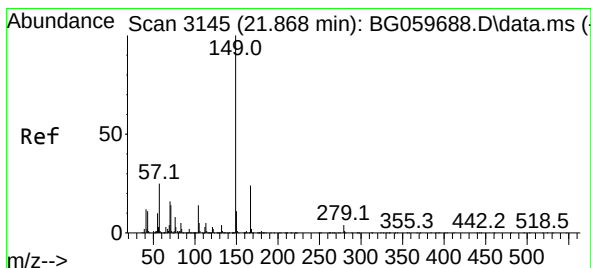
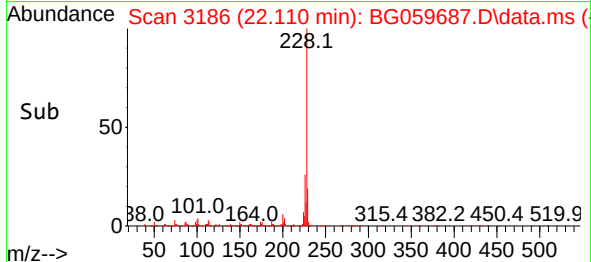
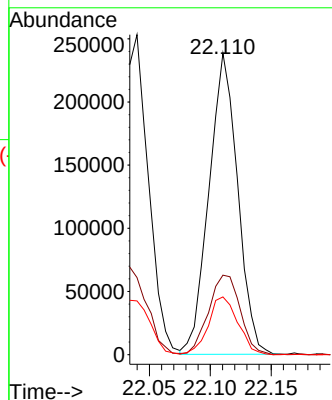
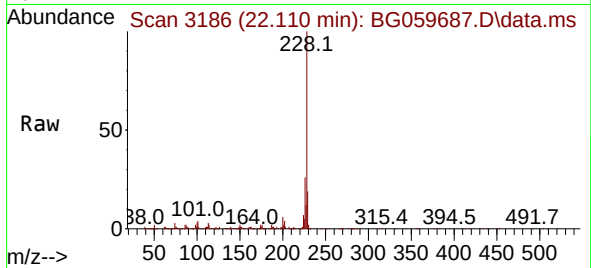
#83
Chrysene
Concen: 19.765 ng
RT: 22.110 min Scan# 3187
Delta R.T. -0.004 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 390190
Ion Ratio Lower Upper
228 100
226 26.4 23.3 34.9
229 19.2 13.1 19.7

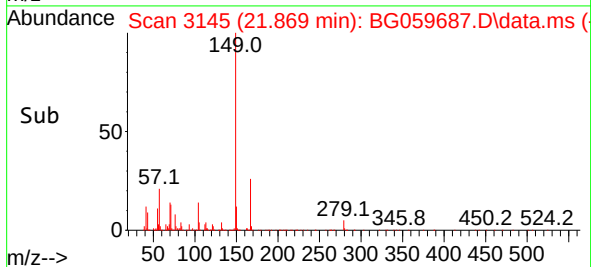
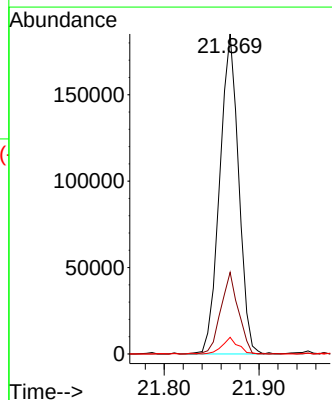
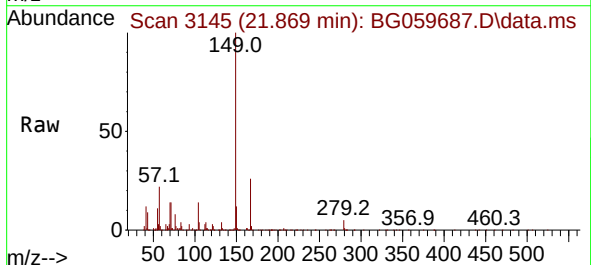
Manual Integrations
APPROVED

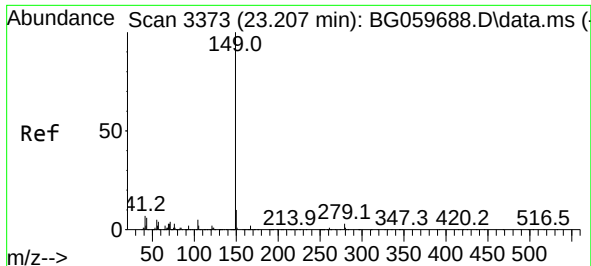
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 21.227 ng
RT: 21.869 min Scan# 3145
Delta R.T. 0.001 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

Tgt Ion:149 Resp: 257190
Ion Ratio Lower Upper
149 100
167 25.5 19.2 28.8
279 5.2 3.4 5.2#





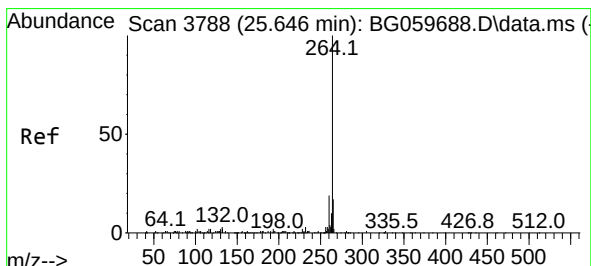
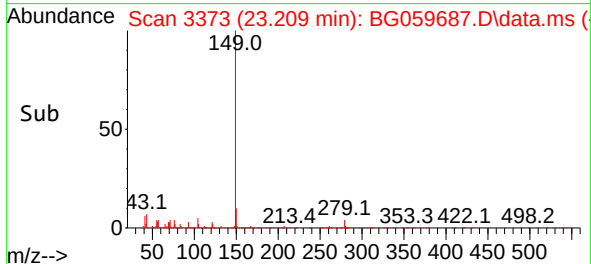
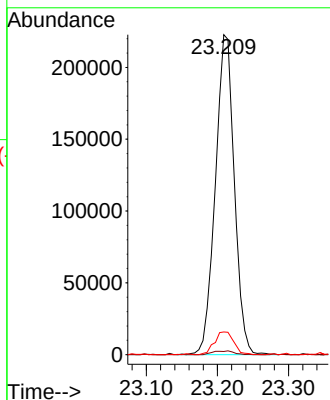
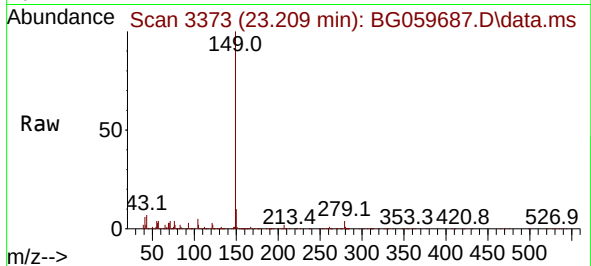
#85
Di-n-octyl phthalate
Concen: 20.813 ng
RT: 23.209 min Scan# 31
Delta R.T. 0.002 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:149 Resp: 412369
Ion Ratio Lower Upper
149 100
167 1.3 1.2 1.8
43 7.3 6.1 9.1

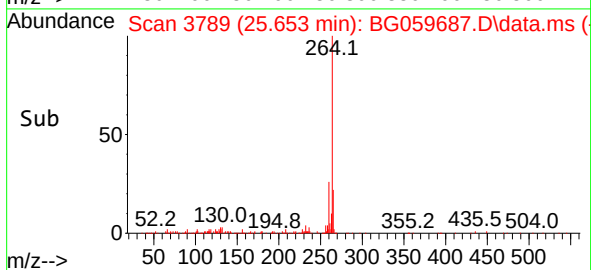
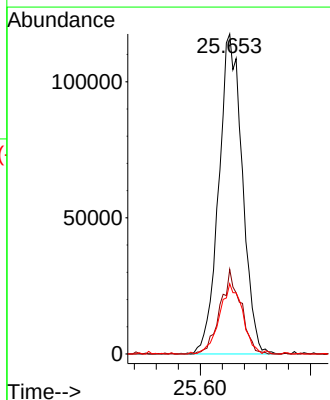
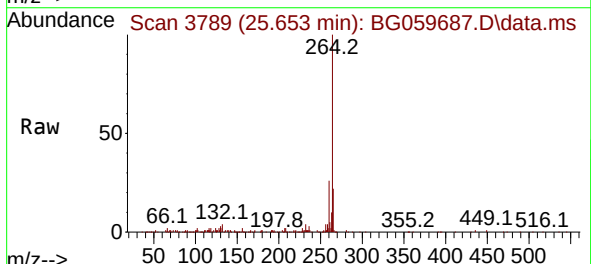
Manual Integrations
APPROVED

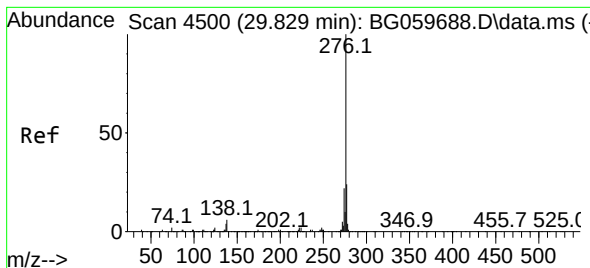
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.653 min Scan# 3789
Delta R.T. 0.008 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

Tgt Ion:264 Resp: 348449
Ion Ratio Lower Upper
264 100
260 26.4 15.6 23.4#
265 22.0 13.4 20.2#





#87

Indeno(1,2,3-cd)pyrene

Concen: 21.350 ng

RT: 29.825 min Scan# 4499

Delta R.T. -0.004 min

Lab File: BG059687.D

Acq: 14 Nov 2023 18:43

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion: 276 Resp: 523379

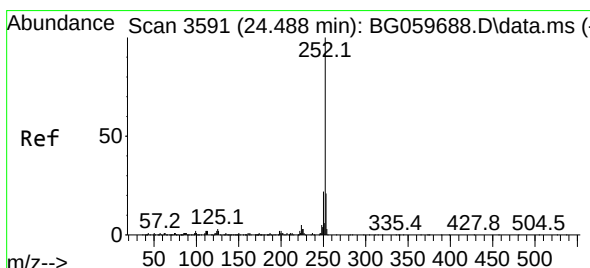
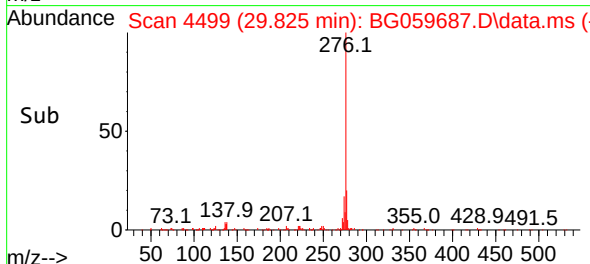
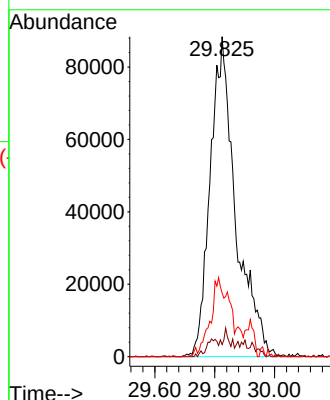
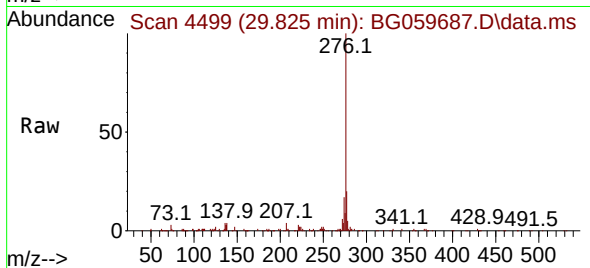
Ion	Ratio	Lower	Upper
276	100		
138	0.8	0.9	1.3
277	0.0	18.8	28.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/16/2023

Supervised By :mohammad ahmed 11/17/2023



#88

Benzo(b)fluoranthene

Concen: 20.258 ng

RT: 24.490 min Scan# 3591

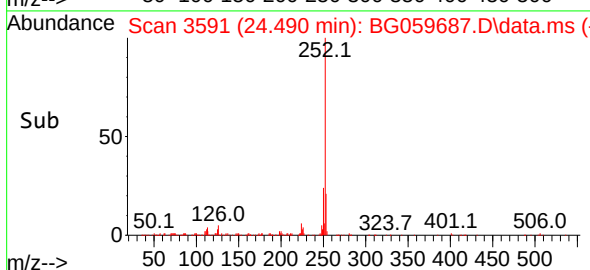
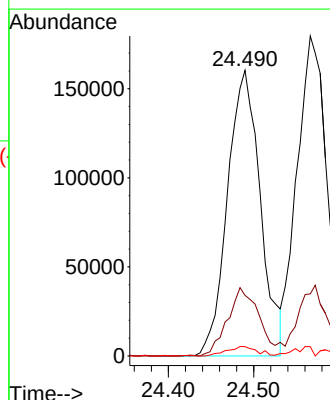
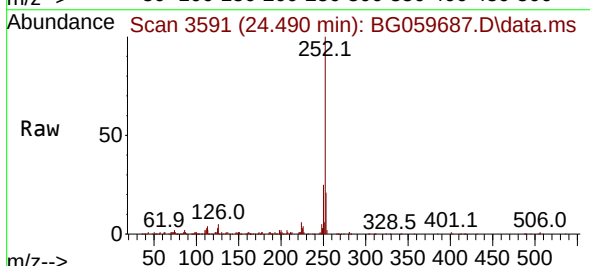
Delta R.T. 0.002 min

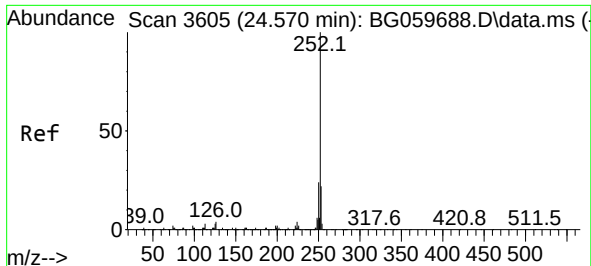
Lab File: BG059687.D

Acq: 14 Nov 2023 18:43

Tgt Ion: 252 Resp: 428396

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.2	25.8
125	3.3	2.6	3.8





#89
Benzo(k)fluoranthene
Concen: 20.807 ng
RT: 24.566 min Scan# 30
Delta R.T. -0.004 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

Instrument :

BNA_G

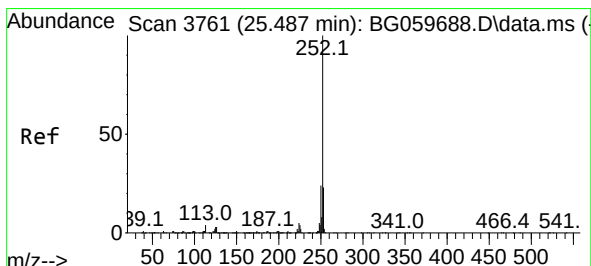
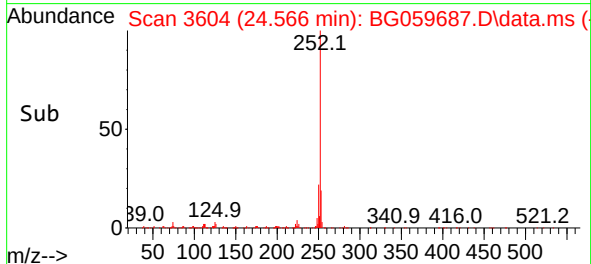
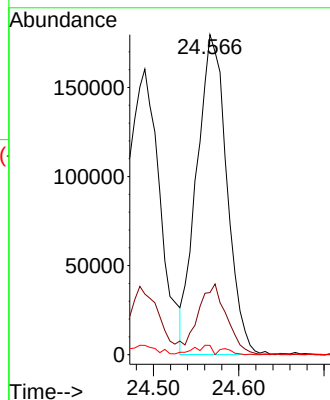
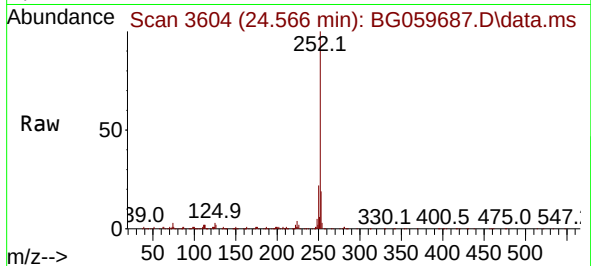
ClientSampleId :

SSTDICC020

Tgt Ion:252 Resp: 440559
Ion Ratio Lower Upper
252 100
253 19.4 17.2 25.8
125 2.9 2.2 3.4

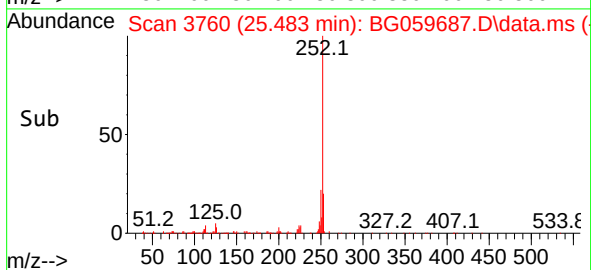
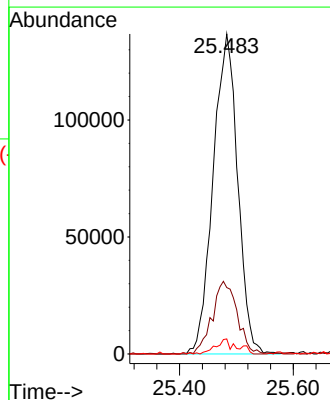
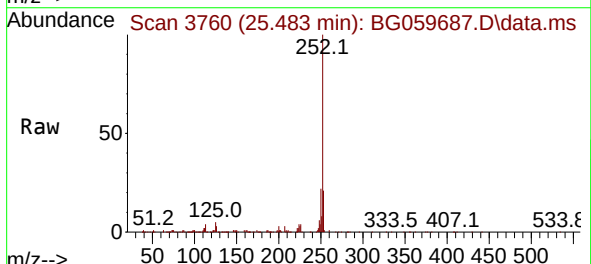
Manual Integrations
APPROVED

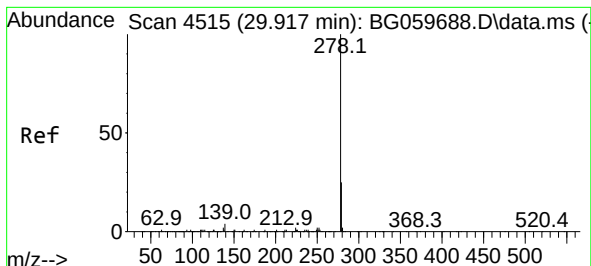
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023



#90
Benzo(a)pyrene
Concen: 20.049 ng
RT: 25.483 min Scan# 3760
Delta R.T. -0.004 min
Lab File: BG059687.D
Acq: 14 Nov 2023 18:43

Tgt Ion:252 Resp: 409855
Ion Ratio Lower Upper
252 100
253 20.8 18.2 27.4
125 4.7 2.4 3.6#





#91

Dibenzo(a,h)anthracene

Concen: 21.543 ng

RT: 29.913 min Scan# 4

Delta R.T. -0.004 min

Lab File: BG059687.D

Acq: 14 Nov 2023 18:43

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion:278 Resp: 45258

Ion Ratio Lower Upper

278 100

139 3.7 3.3 4.9

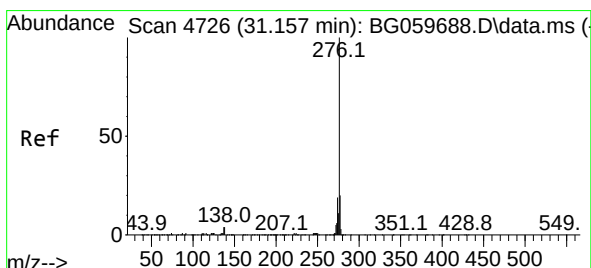
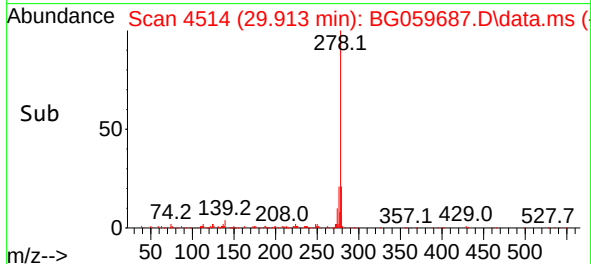
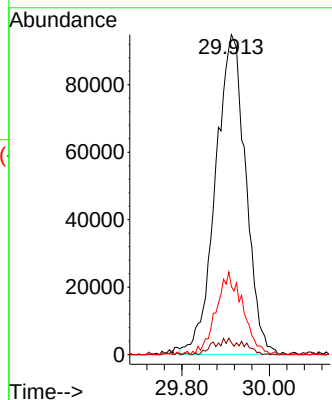
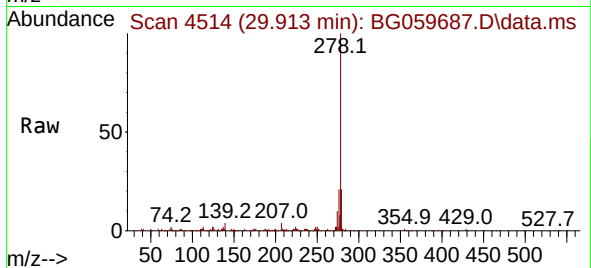
279 21.3 19.8 29.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/16/2023

Supervised By :mohammad ahmed 11/17/2023



#92

Benzo(g,h,i)perylene

Concen: 21.009 ng

RT: 31.153 min Scan# 4725

Delta R.T. -0.004 min

Lab File: BG059687.D

Acq: 14 Nov 2023 18:43

Tgt Ion:276 Resp: 423710

Ion Ratio Lower Upper

276 100

277 25.1 16.2 24.4#

138 4.7 3.4 5.0

